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STATE PROGRAMS

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WASHINGTON, D. C. 20460

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PREFACE

This report has been prepared in response to requests of State water quality control agency administrators and others, to relay information describing program planning and implementation practices.

The information contained was extracted from the State Programs submitted by the States to the Environmental Protection Agency in order to share the $9.4 million in grants allocated under Section 7 of the Federal Water Pollution Control Act, as amended.

This is the fourth such report since its development in FY 1969, and has been arranged following the form used in the grant application submitted by the States. (APPENDIX B)

I. Introduction
II. Expected Results of Planned Activities
III. Program Authorization, Organization, and Resources
IV. Program Administration

Requests for detailed data and further information should be directed to the appropriate Regional Office of the Environmental Protection Agency. (APPENDIX A)

We appreciate the comments and suggestions for improving the Digest which have been received; users of this compilation are urged to make their needs known for consideration in future publications.

A supplement to the Digest will be compiled and published later, reflecting the changes in the State programs resulting from the authorization of an additional $4.7 million under P.L. 92-240.

Nicholas M. Golubin

Nicholas M. Golubin
Director, Office of Intergovernmental Programs
June 1, 1972

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STATE WATER QUALITY ADMINISTRATORS

Fifty-four State water quality control agencies were designated to receive allotted State Program Grants for Fiscal Year 1972. A single agency is designated in all 50 States, the District of Columbia, Guam, Puerto Rico, and the Virgin Islands.

Thirteen are EPA type (agencies combining water, air, and possibly other environmental protection programs, but not exercising significant natural resource management or traditional medical health protection functions); twenty-two are Health type (agencies combining water pollution control functions with traditional medical health protection functions); and twenty are classified as "other" type (agencies combining water pollution control functions with significant natural resources management functions or agencies specializing predominantly in the control of water pollution.)

Figure 1-1 depicts a national overview of the location of the various types of agencies.

STATE WATER QUALITY ADMINISTRATORS

Alabama

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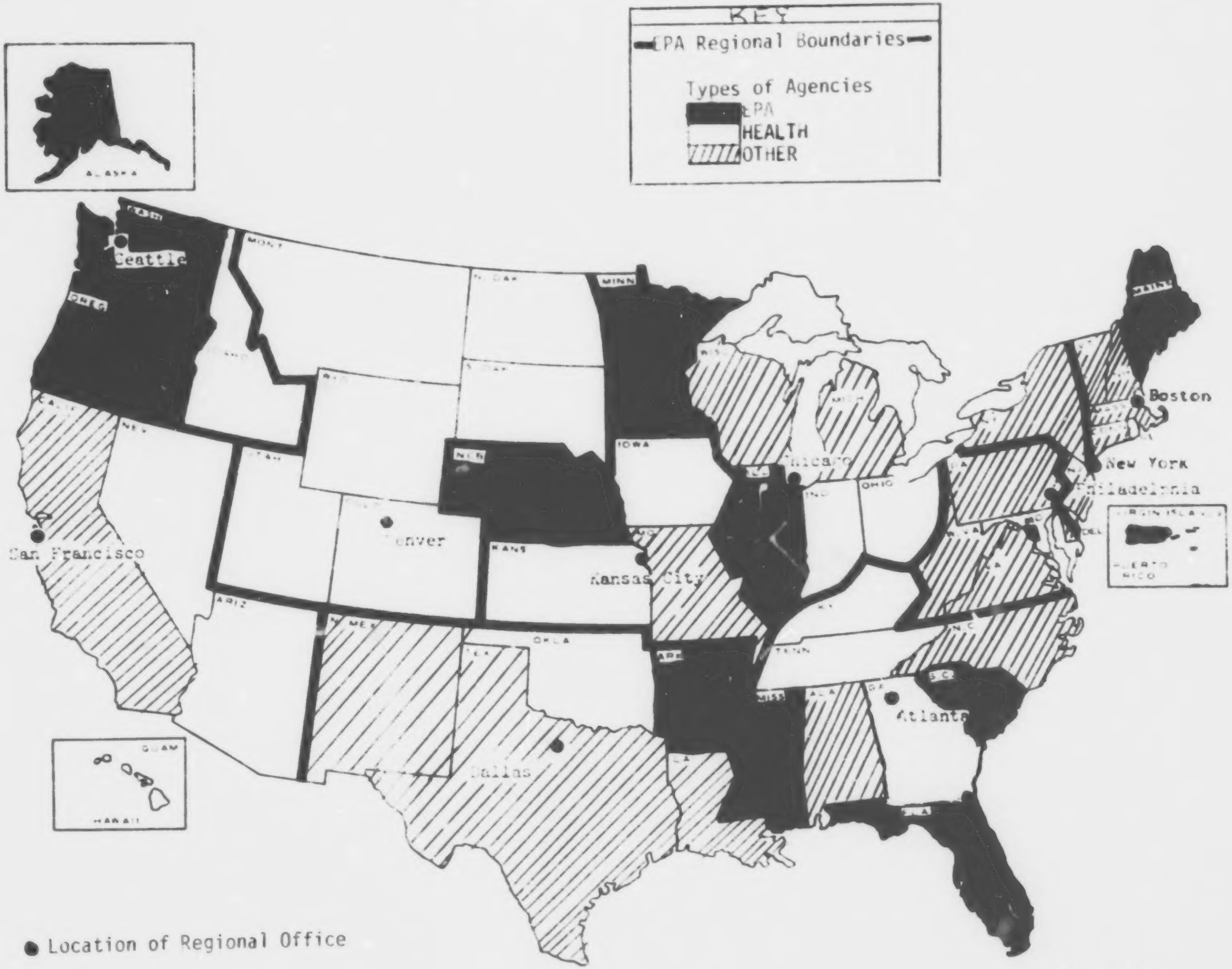

KEY
EPA Regional Boundaries
Types of Agencies
EPA
HEALTH
OTHER
ALASKA
Seattle
San Francisco
Denver
Kansas City
Dallas
Chicago
Atlanta
Boston
New York
Philadelphia
MONT
N. DAK
S. DAK
MINN
IOWA
NEB
KANS
OKLA
TEX
ARIZ
N. MEX
UTAH
WYO
IDAHO
NEV
CALIF
OREG
WASH
WIS
MICH
ILL
IND
OHIO
KY
TENN
MISS
ALA
GA
S.C.
N.C.
VA
PA
ARK
LA
FLA
ME
DEL
MD
VIRGIN ISLANDS
PUERTO RICO
GUAM
HAWAII
Location of Regional Office

Figure I-1

COMMISSION OR BOARD WITHIN

OR ASSOCIATED WITH

Twenty Commissions and twenty- six Boards are used in a total of fortyfour States (Board and Commission in New Mexico) in the performance of their State programs in the area of water quality.

The Boards or Commissions are used as either a vehicle for setting policy, enforcing the State water pollution control laws, or in an advisory capacity.

In addition, a Council is used in Nebraska and New Jersey; a Committee in South Dakota and Utah; and an Authority in South Carolina. Six States report no type of Commission, Board, etc.

COMMISSION OR BOARD WITHIN OR ASSOCIATED WITH

State	Commission	Board	Title
Alabama	X		Water Improvement Commission
Alaska		X	Environmental Advisory Board
Arizona		X	Board of Health
Arkansas	X		Pollution Control Commission
California		X	Water Resources Control Board
Colorado	X		Water Pollution Control Commission
Connecticut	X		Water Resources Commission
Delaware	X		Water & Air Resources Commission
D. C.			
Florida		X	Pollution Control Board
Georgia		X	Water Quality Control Board
Hawaii		X	Board of Health
Idaho		X	Board of Health
Illinois		X	Pollution Control Board
Indiana		X	Stream Pollution Control Board
Iowa	X		Water Pollution Control Commission
Kansas		X	Board of Health
Kentucky	X		Water Pollution Control Commission
Louisiana	X		Stream Control Commission
Maine	X		Environmental Improvement Commission
Maryland	X		Water Resources Commission
Massachusetts	X		Water Resources Commission
Michigan	X		Water Resources Commission
Minnesota		X	Water Resources Board
Mississippi	X		Air & Water Pollution Control Commission
Missouri	X		Clean Water Commission
Montana		X	Board of Health
Nebraska			
Nevada		X	Environmental Protection Hearing Board
New Hampshire	X		Water Supply & Pollution Control Commission
New Jersey			
New Mexico	X	X	Water Quality Control Comm/Environ. Impt. Board
New York		X	State Environmental Board
N. Carolina		X	Board of Water & Air Resources
North Dakota		X	Water Pollution Control Board
Ohio		X	Water Pollution Control Board
Oklahoma		X	Pollution Control Coordinating Board
Oregon	X		Environmental Quality Commission
Pennsylvania		X	Environmental Quality Board
Rhode Island	X		Water Pollution Control Advisory Commission
South Carolina			
South Dakota			
Tennessee		X	Water Quality Control Board
Texas		X	Water Quality Board
Utah			
Vermont		X	Water Resources Board
Virginia		X	Water Control Board
Washington	X		Ecological Commission
West Virginia		X	Water Resources Board
Wisconsin		X	Natural Resources Board
Wyoming			
Guam	X		Water Pollution Control Commission
Puerto Rico		X	Environmental Quality Board
Virgin Islands			

STATES HAVING REGIONAL/DISTRICT OFFICES

AND

AGENCY (APPLICANT) OPERATED

LABORATORIES

Thirty- two States report the existence of District/ Regional Offices. The offices are utilized for regional application of water quality programs in order to carry out activities on a more local basis.

Among the responsibilities of the District/Regional offices are: surveillance programs; water quality investigations; enforcement; stream surveys; inspection of treatment plants; special studies; construction supervision; and source evaluations.

The analytical resources of the State are of primary importance in the water quality field. Forty- six States report the existence of a laboratory which is run by or directly associated with their water pollution control agency. The remaining States have contracts or interagency agreements with other State operated laboratories or universities.

STATES HAVING DISTRICT/REGIONAL OFFICES

STATE	NUMBER OF OFFICES	LOCATION
Alaska	3	Fairbanks; Anchorage; Juneau
California	9	Central Valley; North Coast; San Francisco ,San Diego; Central Coast; Los Angeles; Lahontan; Santa Ana
Colorado	3	Montrose; Fort Collins; La Junta
Florida	6	Orlando; Gulf Breeze; Jacksonville; Winter Haven; Fort Lauderdale; Punta Gorda
Hawaii	3	Hawaii; Kauai; Maui
Idaho	3	Pocatello; Lewiston; Jerome
Illinois	7	Springfield; Carbondale; Collinsville; Champaign; Rock Island; Rockford; Aurora
Iowa	6	Manchester; Fort Dodge; Mason City; Spencer; Council Bluffs; Des Moines; Washington
Kansas	6	Dodge City; Wichita; Salina; Hayes; Chiunt; Topeka
Kenticky	2	Harlan; Earlington
Massachusetts	4	Metropolitan; Western; Southeastern; Northern
Michigan	5	Rockwell; Lansing; Grand Rapids; Cadillac; Escanaba
Mississippi	3	North; Central; South
Missouri	2	St. Louis; Kansas City
New Jersey	4	Atlantic Coastal; Delaware Basin; Raritan Basin; Passaic-Hackensack Basin
New Mexico	5	
New York	1+	
North Carolina	4	Asheville; Raleigh; Greenville; Piedmont
North Dakota	4	Williston; Devils Lake; Minot; Dickinson
Ohio	4	Cuyahoga Falls; Bowling Green; Nelsonville; Dayton
Oklahoma	4	
Oregon	4	Portland; Roseburg; Bend; Pendleton
Pennsylvania	7	Norristown; Kingston; West Reading; Lewistown; Pittsburgh; Meadville; Williamsport
South Carolina	6	Lancaster; Columbia; Greenville; Aiken; Florence; Charleston
South Dakota	5	Rapid City; Aberdeen; Sioux Falls; Pierre; Mitchell
Tennessee	5	Knoxville; Chattanooga; Nashville; Southwest; Jackson
Texas	11	
Utah	5	Salt Lake; Vernal; Price; Richfield; Cedar City
Virginia	5	Blacksburg; Lynchburg; Front Royal; Richmond; Groucester
Washington	3	Southwest; Northwest; Eastern
West Virginia	5	Beckley; Romney; Charleston; Parkersburg; Fairmont
Wisconsin	6	Green Bay; Rhinelander; Spooner; Madison; Eau Claire; Milwaukee
Virgin Islands	3	St. Thomas; St. Croix; St. John
Nevada	1	Las Vegas

STATES REPORTING EXISTENCE OF AGENCY (APPLICANT) OPERATED LAB

STATE	NUMBER OF LABS	LOCATION
Alabama	1	
Arizona	3	Phoenix; Tucson; Flagstaff
Arkansas	1	Little Rock
Colorado	1	
Connecticut	1	
Delaware	1	Dover
D. C.	2	
Florida	6	Orlando; Gulf Breeze; Jacksonville; Punta Gorda; Winter Haven; Ft. Lauderdale
Georgia	1	
Hawaii	4	Honolulu; Hawaii; Maui; Kauai
Idaho	1	
Illinois	6	Springfield; Chicago; Champaign; Carbondale; East St. Louis; Rock Island
Indiana	1	Indianapolis
Iowa	1	
Kansas	1	Topeka
Kentucky	1	
Louisiana	3	Baton Rouge; Lake Charles; Monroe
Maine	2	
Maryland	2	Baltimore; Cumberland
Michigan	2	Detroit; Lansing
Mississippi	1	Hattiesburg
Missouri	1	
Montana	1	
Nebraska	1	
Nevada	1+	
New Jersey	1	
New Mexico	3	Santa Fe: Farmington; Clovis
North Carolina	1	
North Dakota	2	Bismarck; Grand Forks
Ohio	2	Columbus; Cuyahoga Falls
Oklahoma	2+	
Oregon	1	Raleigh Hills
Pennsylvania	2	Harrisburg; Erie
Rhode Island	1	
South Carolina	1	
South Dakota	1	
Tennessee	1	
Texas	5	Austin; Amarillo; Corpus Christi; Houston; San Antonio
Utah	1	
Vermont	1	
Virginia	1	Richmond
Washington	2	Olympia; Redmond
West Virginia	2	Charleston; Elkins
Wisconsin	1	Madison
Wyoming	1	
Guam	1	
Puerto Rico	1	

ACTIVITIES TO BE CHANGED
DURING THE COMING FISCAL YEAR

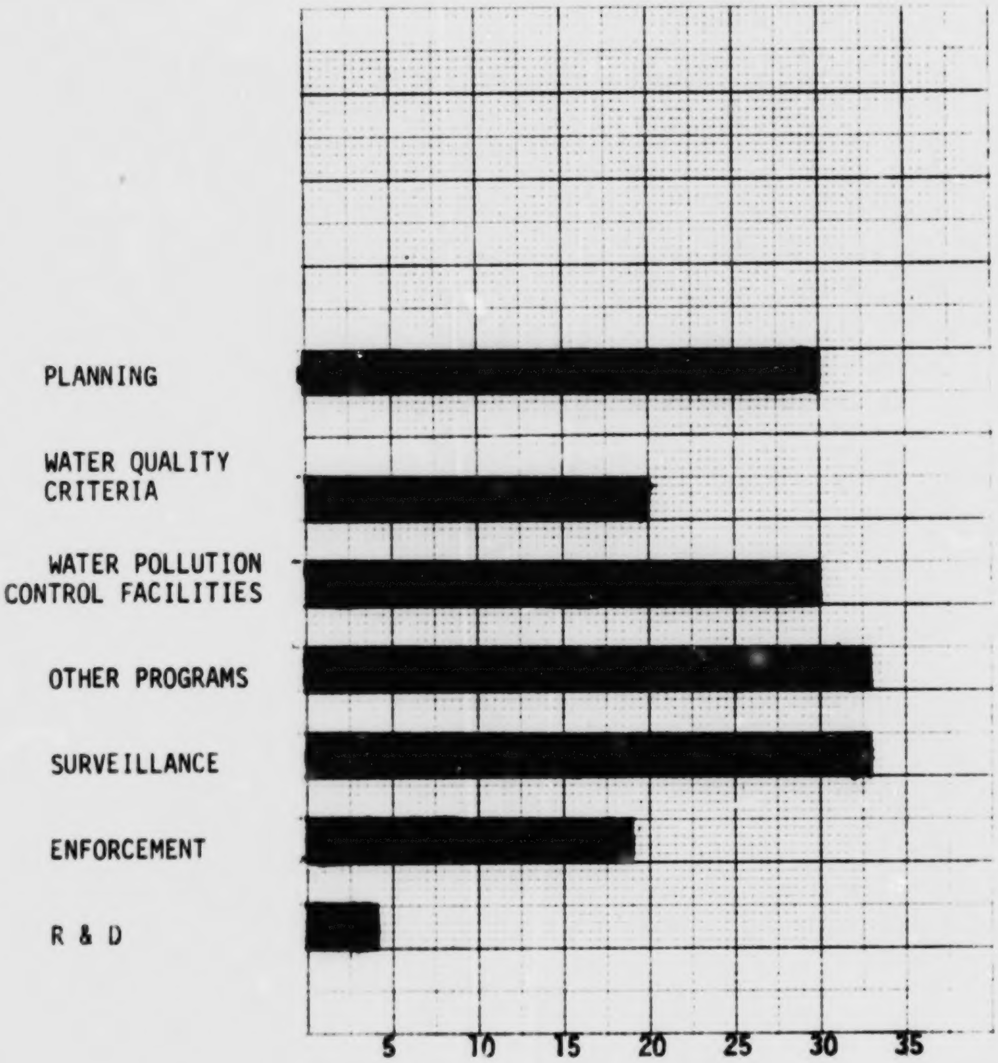
The major areas of expansion and/or change anticipated by State agencies are in the areas of Surveillance, Planning, Water Pollution Control Facilities, and Other Programs (certification, training, feedlots, mine drainage, oil field brine, etc.)

The main changes in Planning and Water Pollution Control Facilities are associated with the Metropolitan/Basin Plans (18 CFR 601), and with the National Permit System. The emphasis on Other Programs are in Mandatory Certification of waste treatment plant operators and the training of qualified operators in new and better methods of water quality control. Surveillance includes more and better monitoring equipment and laboratory facilities.

Figure I-2 shows, in graph form, the major areas of change or expansion in program elements for FY 1972.

ACTIVITIES TO BE CHANGED DURING THE COMING FISCAL YEAR

STATE	PLANNING	WATER QUALITY CRITERIA	WATER POLL. CON. FACILITIE	OTHER PROGS.	SURV.	ENF.	R & D
Alabama	X						
Alaska	X					X	
Arizona	X		X		X	X	
Arkansas	X		X		X		
California	X	X		X	X		
Colorado	X	X	X		X		
Connecticut		X	X				
Delaware	X	X	X	X			
D. C.				X	X	X	X
Florida		X		X		X	
Georgia	X		X		X		
Hawaii		X	X	X			
Idaho	X	X		X	X		
Illinois	X	X	X	X			
Indiana		X		X	X	X	
Iowa					X	X	
Kansas	X			X			
Kentucky	X			X	X		
Louisiana	X	X	X				
Maine						X	
Maryland			X	X			
Massachusetts	X		X		X	X	
Michigan		X	X	X	X		
Minnesota	X		X		X		
Mississippi				X	X	X	
Missouri			X	X	X	X	
Montana			X	X		X	
Nebraska			X	X	X		X
Nevada	X		X				
New Hampshire	X		X	X	X		
New Jersey	X			X	X	X	
New Mexico			X		X		
New York				X			
N. Carolina	X		X	X	X		
N. Dakota		X	X	X	X		
Ohio		X			X	X	
Oklahoma	X			X	X		X
Oregon		X		X	X		
Pennsylvania	X	X	X			X	X
Rh. Island			X	X	X		
S. Carolina					X		
S. Dakota	X	X	X		X	X	
Tennessee				X			
Texas		X			X	X	
Utah	X	X	X	X	X	X	
Vermont			X				
Virginia	X				X		
Washington				X			
West Virginia	X	X	X	X		X	
Wisconsin	X	X	X	X	X	X	
Wyoming	X			X	X		
Guam	X		X	X			
Puerto Rico	X			X	X		
Vir. Islands			X	X			
Total	30	20	30	33	33	19	4


PLANNING
WATER QUALITY CRITERIA
WATER POLLUTION CONTROL FACILITIES
OTHER PROGRAMS
SURVEILLANCE
ENFORCEMENT
R & D
5
10
15
20
25
30
35

EPA ASSISTANCE NEEDED TO COMPLEMENT & SUPPORT ACTIVITIES & GOALS

The States have the primary responsibility for water quality control. However, working on a national level the Federal Government, specifically the Environmental Protection Agency, can aid the States both by financial and technical assistance.

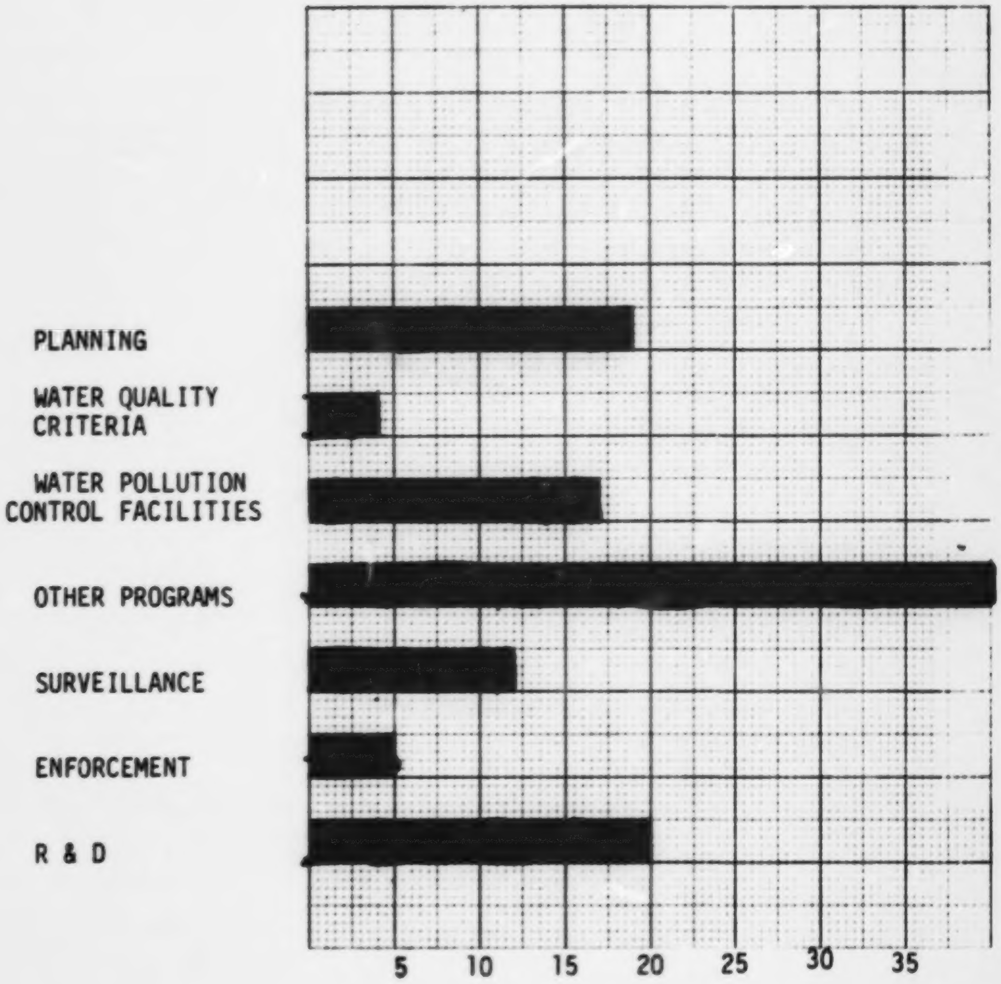
With Federal-State cooperative effort, a job which must be done (cleaning up the water) can be accomplished.

In their annual program submission, the States list the areas where Federal assistance is most needed. The following tabulation shows R & D, Planning, and Other Programs, as the major areas where assistance is needed for FY 1972. These requests reflect both financial and technical needs.

Figure I-3 shows, in graph form, the number of requests for assistance among the various program elements and points up where increased effort should be placed by the States and the Environmental Protection Agency.

EPA ASSISTANCE NEEDED TO COMPLEMENT & SUPPORT ACTIVITIES AND GOALS

STATE	PLANNING	WATER QUALITY CRITERIA	WATER POLL. CON. FAC.	OTHER PROGS.	SURV.	ENF.	R & D
Alabama	X				X		
Alaska					X		X
Arizona		X	X				
Arkansas							
California			X	X			X
Colorado	X			X			
Connecticut			X	X			X
Delaware				X			X
D. C.				X			
Florida	X			X	X	X	X
Georgia				X			X
Hawaii				X			
Idaho	X			X			X
Illinois				X			
Indiana				X		X	
Iowa				X			
Kansas				X			
Kentucky	X			X			
Louisiana	X			X			
Maine					X	X	
Maryland			X				
Massachusetts							
Michigan				X	X		
Minnesota				X		X	
Mississippi				X			
Missouri				X			
Montana				X			X
Nebraska	X			X	X		
Nevada	X		X	X			X
New Hampshire			X				
New Jersey			X	X			
New Mexico							
New York				X			
N. Carolina				X			
N. Dakota			X				X
Ohio					X		X
Oklahoma	X	X		X	X		
Oregon			X	X			X
Pennsylvania	X		X	X	X		X
Rh. Island				X			X
S. Carolina	X			X			
S. Dakota	X			X			
Tennessee				X	X		X
Texas	X		X				X
Utah	X		X	X			X
Vermont							
Virginia	X		X	X			X
Washington				X			
West Virginia	X		X	X			
Wisconsin	X	X	X	X			
Wyoming	X	X	X	X	X	X	X
Guam				X			
Puerto Rico	X			X			X
Vir. Islands				X	X		
Total	19	4	17	[illegible]	12	5	20


PLANNING
WATER QUALITY CRITERIA
WATER POLLUTION CONTROL FACILITIES
OTHER PROGRAMS
SURVEILLANCE
ENFORCEMENT
R & D
5
10
15
20
25
30
35

WATER QUALITY CRITERIA

Under Section 10 of the Federal Water Pollution Control Act, as amended, the States are required to establish water quality criteria for interstate waters.

Forty-six States have fully approved water quality criteria. The following list indicates the waters of the States presently not in compliance and those to be brought into compliance during FY 1972. Out of the 11,000 reaches of water not in compliance 240 are expected to be brought into compliance this year.

WATER QUALITY CRITERIA

STATE	Waters Not In Compliance	Waters to be Brought Into Compliance this Year
Alabama	6	
Alaska	4	1
Arizona	0	0
Arkansas	10	10
California	4	3
Colorado	8	8
Connecticut	39	11
Delaware		2
D. C.	4	0
Florida	48	31
Georgia	19	
Hawaii	4+	
Idaho	4	4
Illinois	10+	10
Indiana		
Iowa	24	
Kansas		
Kentucky		1
Louisiana	6	2
Maine	114	18
Maryland		246
Massachusetts	11	11
Michigan		
Minnesota	64	9
Mississippi	8	
Missouri	5	5
Montana	1	1
Nebraska		9
Nevada		
New Hampshire	11	11
New Jersey	5	5
New Mexico	3	2
New York		
North Carolina	31	16
North Dakota	2	2
Ohio	45+	20
Oklahoma	29	29
Oregon	29	2
Pennsylvania	10,475	0
Rhode Island		
South Carolina		4
South Dakota		
Tennessee	52	13
Texas	25	8
Utah		
Vermont		
Virginia	22	15
Washington	0	
West Virginia	12	0
Wisconsin		
Wyoming	1	1
Guam	4	2
Puerto Rico	28	0
Virgin Islands	1	0

BASIC AND OTHER AUTHORITY

The following tabulations indicate where the State water quality agency obtains its basic authority and provides citations on other water quality control authority in the State.

Construction grant programs are authorized in 43 States; tax incentives to encourage industries to construct waste treatment facilities are provided in 32 States; laws requiring certification of waste treatment plant operators are effective in 25 States; and discharge permits are issued in 40 States.

STATE	BASIC AUTHORITY
Alabama	Alabama Revised Statutes, 1965, Act 574
Alaska	1971 Laws of Alaska, Chapter 120
Arizona	Arizona Revised Statutes, Chapter 17 and 36
Arkansas	Arkansas 1971 Act 38
California	California Water Code, Division 7
Colorado	Colorado Revised Statutes, Chapter 66-28
Connecticut	Clean Water Act 1967; Oil Pollution Control Act 1969
Delaware	Delaware Code; Title 29; Chapter 80
D. C.	District of Columbia Regulations
Florida	Florida Statutes; Chapter 403
Georgia	1964 Water Quality Control Act, as amended
Hawaii	Chs. 91, 26, 321, and 37 Hawaii Revised Statutes 1968
Idaho	112 Idaho Code - 39-106
Illinois	1970 Environmental Protection Act
Indiana	Chapter 214, Acts of 1943, as amended
Iowa	Title VI Code of Iowa; Chapter 455 B
Kansas	K.S.A. 65-161 et. seq; K.S.A 65-3301 et. seq, as amended, 1970
Kentucky	Water Pollution Control Law; Kentucky Revised Statutes 224
Louisiana	50 Louisiana Revised Statutes 56-3-I
Maine	Maine Revised Statutes; Title 38; Chapter 3
Maryland	Annotiated Code of Maryland; Article 96A
Massachusetts	Mass. Clean Waters Act and Related Water Pollution Laws
Michigan	Act 245, P.A. of 1929, as amended
Minnesota	Minnesota Statutes; Chapter 115-116
Mississippi	Mississippi Air & Water Pollution Control Act; Chapter 258, 1966
Missouri	Revised Statutes of Missouri; Chapter 204
Montana	HB 85, 1971
Nebraska	Environmental Protection Act, 1971
Nevada	Nevada Water Pollution Control Law of 1971
New Hampshire	Revised Statutes Annotiated; Chapter 149
New Jersey	Revised Statutes 58:10-1 -- 11-10-12 et seq
New Mexico	Water Quality Act, 1967
New York	Public Health Law, Water Pollution Control; Article 12;1970 L-140
N. Carolina	General Statutes of North Carolina; Article 21; Chapter 143
N. Dakota	N.D. Water Pollution Control Law, 1967, as amended
Ohio	Ohio Water Pollution Control Law
Oklahoma	1968 Oklahoma Legislature 330 L
Oregon	Oregon Revised Statutes; 449
Pennsylvania	Clean Streams Law of 1937, as amended
Rh. Island	General Laws 1956; Chapter 46-12
S. Carolina	1970 Pollution Control Act
S. Dakota	South Dakota Water Pollution Control Law, Ch. 46-25; SDCL; 1967
Tennessee	Stream Pollution Control Law, as amended ·1970
Texas	Texas Water Quality Act, as amended (1969)
Utah	Utah Code Annotiated; 1953; as amended
Vermont	Vermont Statutes Annotiated; Title 10; Chapter 25-33
Virginia	Code of Virginia; Title 62.1; Chapter 3.1
Washington	Chapter 43.21A RCW, 1970
West Virginia	Code of West Virginia; Article 5-A; Chapter 20
Wisconsin	Wisconsin Statutes; Chapter 144
Wyoming	Wyoming - WCS; 1957; Section 35-184-196
Guam	GPL-9-76
Puerto Rico	Law #9; 1970
Vir. Islands	12 Virgin Islands Code; Chapter 7

OTHER STATE AUTHORITY

STATE	CONSTRUCTION GRANTS	TAX INCENTIVES	CERTIFICATION	PERMITS
Alabama		Act 1136-41		Water Pollution Control Act
Alaska	1971 LA, Ch 120			1971 LA, Ch 120
Arizona		ARS 43-123		
Arkansas	Act 108, 1971	Act 5, 1968	Act 211, 1971	PCWOC Act
California	CWBL, 1970	CRTC 17226-24372	23 CAC, Ch 3	
Colorado	23 CRS, Ch 66-28		X-NC	Water Pollution Control Act
Connecticut	X-NC	X-NC	X-NC	X-NC
Delaware	DL, Ch 739, Vol. 57		Reg. 3, Title 7, Ch 63	X-NC
D. C.	Not Applicable			
Florida	FS, Ch 403-1821			X-NC
Georgia	Act 870, 1969	Exemp. from Tax. Act and Retailer & Consumer Sale & Use Tax Act		
Hawaii	X-NC	1970 Rapid Tax Write Off		WPC, Ch 37, Public Health Regulations
Idaho	IC 39-112B	IC 63-105T		IC 112-39-106

X-NC - Indicates State has a program, but no citation given in program submission

STATE	CONSTRUCTION GRANTS	TAX INCENTIVES	CERTIFICATION	PERMITS
Illinois	Anti-Pollution Bond Act, 1970	Dept. of Revenue Rules	SWB, Rules & Regs. 1966	X-NC
Indiana	X-NC	Acts of 1967, Ch 174	Acts of 1967, Ch 273	
Iowa	63rd Sess, Ch 1205			X-NC
Kansas	S.B. 409, 1970			KSA 65-165
Kentucky	KRS - 224			KRS-224.060 (2-5)
Louisiana	Act 171, 1970	X-NC		LRS 5 T 56
Maine	Title 38, Sec. 411	MRS T36-S1752		MRS T38-S413-414
Maryland	X-NC		5/23/69 Regulations	X-NC
Massachusetts	1966 Acts, Ch 687	1966 Acts, Ch 700	1966 Acts, Ch 781	GL C21-543
Michigan	Act 329, as amended	Act 222, 1966	Act 209, 1968 Act 219, 1949	Act 245, Pub. Acts of 1929, as amended
Minnesota	1971 X-NC	MS 69-272.02	1971 HF 613	X-NC
Mississippi	1971 HB 1254			X-NC
Missouri	RSM, Ch 204, Sec 180	X-NC		LR 204.030
Montana	1971 HB 476		1971 SB 93	1968 Regulations
Nebraska	LB 440-1006, 1971			Environmental Protection Act, 1971
Nevada				NWPCL, 1971

STATE	CONSTRUCTION GRANTS	TAX INCENTIVES	CERTIFICATION	PERMITS
New Hampshire	RSA 149-B	RSA 149:5a	RSA 149 B	
New Jersey	PSFA, Act 1965	T54, Section T2	RS 58:11-14	X-NC
New Mexico	Laws 1970, Ch 84	Article 2		
New York	Laws 1965, Ch 176	RPTL, Ch 1059	SSC 11.80-.95	X-NC
North Carolina			GS, Ch 90A	GS 143-215.1
North Dakota			HB 1382, 1971	
Ohio	X-NC	X-NC	ORC 3701.20 & .34	X-NC
Oklahoma	1968 SB33, 1st Sess.	X-NC	T59 OS 1961, Sec 11-1-16 as amended SB155, 1965	X-NC
Oregon	ORS 449.455	ORS 449.670		
Pennsylvania	1968 Act 443	X-NC	1968 Act 322	1971 CSL
Rhode Island	PL 1967, Ch 198	PL 66, Ch 262		X-NC
South Carolina		1966 Act 921		
South Dakota	1971 Sess, Ch 209		Ch 217.70 S.L.	
Tennessee				
Texas	62d Legis. 1971	TRA 1969	Art 4477-1, Sec 20(a)	X-NC
Utah	SB203, 1971			X-NC

STATE	CONSTRUCTION GRANTS	TAX INCENTIVES	CERTIFICATION	PERMITS
Vermont	VSA, Title 10, Ch 37	32 VSA, Ch 125		10 VSA 5911A
Virginia	Article II Section 62 .1 (44.15)	Section 58-81.1	Title 54, Ch 16-1	SWCL, Article 2 Section 62
Washington	RCS, Ch. 90.50	RCW, Ch 90.50.040		RCW, Ch 90.48.160
West Virginia		Article 24, Ch 11 Section 6	Admin. Regulations	Code of WV Item 20-5A-6
Wisconsin	WS 144, Sec. 21	1969 Laws, Ch. 206	WS, Ch. NR-114	
Wyoming				
Guam	X-NC			X-NC
Puerto Rico				X-NC
Virgin Islands	X-NC			12 VIC, Sec. 185
TOTAL	43	32	25	40

MAN-YEARS ASSIGNED
TO WATER POLLUTION CONTROL

The following tabulation summarizes by Program Element the manpower allocations by the States for FY 1972.

The elements and man-years were extracted from the Budget document submitted with the FY 1972 State Programs.

Since FY 1968, reported manpower allocations have increased by 47 percent with the bulk of the increase in those activities related to Water Pollution Control Facilities and Surveillance.

Figure III-1 depicts the national manpower allocations reported by the States for FY 1972, which totals 3494.43. Figure III-2 depicts manpower growth.

Total man-years assigned are as follows:

Planning & Water Quality Criteria	496.45
Water Pollution Control Facilities	833.98
Other Programs	260.62
Surveillance	972.50
Enforcement	432.58
Executive & Auxilliary	450.23
TOTAL	3446.36

MAN-YEARS ASSIGNED TO WATER POLLUTION CONTROL

STATE	ELEMENT	MAN-YEARS
Alabama	Planning & Water Quality Criteria	7.10
	Water Pollution Control Facilities	4.80
	Other Programs	1.50
	Surveillance	5.42
	Enforcement	2.38
	Executive & Auxilliary	8.70
	TOTAL	29.90
Alaska	Planning & Water Quality Criteria	1.20
	Water Pollution Control Facilities	1.80
	Other Programs	.50
	Surveillance	1.90
	Enforcement	----
	Executive & Auxilliary	1.60
	TOTAL	7.00
Arizona	Planning & Water Quality Criteria	1.50
	Water Pollution Control Facilities	3.25
	Other Programs	.25
	Surveillance	3.00
	Enforcement	2.00
	Executive & Auxilliary	1.50
	TOTAL	11.50
Arkansas	Planning & Water Quality Criteria	2.10
	Water Pollution Control Facilities	21.50
	Other Programs	1.60
	Surveillance	10.50
	Enforcement	1.30
	Executive & Auxilliary	7.00
	TOTAL	44.00
California	Planning & Water Quality Criteria	59.50
	Water Pollution Control Facilities	50.00
	Other Programs	51.00
	Surveillance	71.00
	Enforcement	28.00
	Executive & Auxilliary	55.00
	TOTAL	314.50
Colorado	Planning & Water Quality Criteria	4.00
	Water Pollution Control Facilities	6.50
	Other Programs	1.50
	Surveillance	8.00
	Enforcement	1.00
	Executive & Auxilliary	4.00
	TOTAL	25.00

MAN-YEARS ASSIGNED TO WATER POLLUTION CONTROL

STATE	ELEMENT	MAN-YEARS
Connecticut	Planning & Water Quality Criteria	1.00
	Water Pollution Control Facilities	10.20
	Other Programs	2.00
	Surveillance	27.60
	Enforcement	5.00
	Executive & Auxilliary	3.60
	TOTAL	49.40
Delaware	Planning & Water Quality Criteria	7.70
	Water Pollution Control Facilities	8.00
	Other Programs	.30
	Surveillance	8.00
	Enforcement	4.80
	Executive & Auxilliary	3.20
	TOTAL	32.00
D. C.	Planning & Water Quality Criteria	3.20
	Water Pollution Control Facilities	.05
	Other Programs	34.70
	Surveillance	7.70
	Enforcement	1.00
	Executive & Auxilliary	1.25
	TOTAL	47.90
Florida	Planning & Water Quality Criteria	11.49
	Water Pollution Control Facilities	17.37
	Other Programs	3.75
	Surveillance	20.38
	Enforcement	18.93
	Executive & Auxilliary	15.08
	TOTAL	87.00
Georgia	Planning & Water Quality Criteria	10.00
	Water Pollution Control Facilities	16.00
	Other Programs	1.00
	Surveillance	20.00
	Enforcement	1.00
	Executive & Auxilliary	7.00
	TOTAL	55.00
Hawaii	Planning & Water Quality Criteria	.80
	Water Pollution Control Facilities	8.00
	Other Programs	.50
	Surveillance	18.00
	Enforcement	2.00
	Executive & Auxilliary	2.00
	TOTAL	31.30

MAN-YEARS ASSIGNED TO WATER POLLUTION CONTROL

STATE	ELEMENT	MAN-YEARS
Idaho	Planning & Water Quality Criteria	2.50
	Water Pollution Control Facilities	4.50
	Other Programs	1.00
	Surveillance	5.50
	Enforcement	2.50
	Executive & Auxilliary	1.00
	TOTAL	17.00
Illinois	Planning & Water Quality Criteria	20.60
	Water Pollution Control Facilities	53.50
	Other Programs	.30
	Surveillance	74.00
	Enforcement	5.30
	Executive & Auxilliary	.30
	TOTAL	154.00
Indiana	Planning & Water Quality Criteria	1.85
	Water Pollution Control Facilities	16.04
	Other Programs	3.03
	Surveillance	28.86
	Enforcement	1.97
	Executive & Auxilliary	11.47
	TOTAL	63.22
Iowa	Planning & Water Quality Criteria	14.00
	Water Pollution Control Facilities	5.25
	Other Programs	2.00
	Surveillance	3.25
	Enforcement	1.25
	Executive & Auxilliary	4.75
	TOTAL	30.50
Kansas	Planning & Water Quality Criteria	10.10
	Water Pollution Control Facilities	2.70
	Other Programs	7.70
	Surveillance	12.20
	Enforcement	.10
	Executive & Auxilliary	4.70
	TOTAL	37.50
Kentucky	Planning & Water Quality Criteria	1.60
	Water Pollution Control Facilities	5.60
	Other Programs	8.20
	Surveillance	16.60
	Enforcement	1.80
	Executive & Auxilliary	6.80
	TOTAL	40.60

MAN-YEARS ASSIGNED TO WATER POLLUTION CONTROL

STATE	ELEMENT	MAN-YEARS
Louisiana	Planning & Water Quality Criteria	4.30
	Water Pollution Control Facilities	9.20
	Other Programs	1.40
	Surveillance	26.00
	Enforcement	6.70
	Executive & Auxilliary	2.60
	TOTAL	50.20
Maine	Planning & Water Quality Criteria	7.00
	Water Pollution Control Facilities	6.50
	Other Programs	2.00
	Surveillance	7.50
	Enforcement	4.50
	Executive & Auxilliary	5.30
	TOTAL	32.80
Maryland	Planning & Water Quality Criteria	10.00
	Water Pollution Control Facilities	14.90
	Other Programs	10.90
	Surveillance	19.20
	Enforcement	41.50
	Executive & Auxilliary	14.70
	TOTAL	111.20
Massachusetts	Planning & Water Quality Criteria	9.00
	Water Pollution Control Facilities	7.00
	Other Programs	2.00
	Surveillance	14.00
	Enforcement	5.00
	Executive & Auxilliary	21.00
	TOTAL	58.00
Michigan	Planning & Water Quality Criteria	5.00
	Water Pollution Control Facilities	14.00
	Other Programs	9.00
	Surveillance	70.00
	Enforcement	4.00
	Executive & Auxilliary	15.00
	TOTAL	117.00
Minnesota	Planning & Water Quality Criteria	11.90
	Water Pollution Control Facilities	17.50
	Other Programs	1.20
	Surveillance	20.80
	Enforcement	9.00
	Executive & Auxilliary	24.35
	TOTAL	84.75

MAN-YEARS ASSIGNED TO WATER POLLUTION CONTROL

STATE	ELEMENT	MAN-YEARS
Mississippi	Planning & Water Quality Criteria	4.00
	Water Pollution Control Facilities	4.30
	Other Programs	4.00
	Surveillance	2.50
	Enforcement	4.60
	Executive & Auxilliary	4.00
	TOTAL	23.40
Missouri	Planning & Water Quality Criteria	4.50
	Water Pollution Control Facilities	8.00
	Other Programs	2.50
	Surveillance	6.00
	Enforcement	1.00
	Executive & Auxilliary	9.50
	TOTAL	31.50
Montana	Planning & Water Quality Criteria	3.00
	Water Pollution Control Facilities	5.00
	Other Programs	2.00
	Surveillance	4.75
	Enforcement	.25
	Executive & Auxilliary	.50
	TOTAL	15.50
Nebraska	Planning & Water Quality Criteria	.50
	Water Pollution Control Facilities	3.90
	Other Programs	2.00
	Surveillance	6.00
	Enforcement	.30
	Executive & Auxilliary	4.50
	TOTAL	17.20
Nevada	Planning & Water Quality Criteria	1.30
	Water Pollution Control Facilities	1.60
	Other Programs	
	Surveillance	2.60
	Enforcement	
	Executive & Auxilliary	.70
	TOTAL	6.20
New Hampshire	Planning & Water Quality Criteria	8.00
	Water Pollution Control Facilities	13.00
	Other Programs	1.50
	Surveillance	15.00
	Enforcement	16.00
	Executive & Auxilliary	2.50
	TOTAL	56.00

MAN-YEARS ASSIGNED TO WATER POLLUTION CONTROL

STATE	ELEMENT	MAN-YEARS
New Jersey	Planning & Water Quality Criteria	14.80
	Water Pollution Control Facilities	47.90
	Other Programs	-----
	Surveillance	22.50
	Enforcement	9.60
	Executive & Auxilliary	10.60
	TOTAL	105.40
New Mexico	Planning & Water Quality Criteria	3.60
	Water Pollution Control Facilities	3.60
	Other Programs	2.30
	Surveillance	7.30
	Enforcement	1.40
	Executive & Auxilliary	4.90
	TOTAL	23.10
New York	Planning & Water Quality Criteria	47.00
	Water Pollution Control Facilities	95.00
	Other Programs	5.00
	Surveillance	28.00
	Enforcement	26.00
	Executive & Auxilliary	15.00
	TOTAL	216.00
N. Carolina	Planning & Water Quality Criteria	7.80
	Water Pollution Control Facilities	21.30
	Other Programs	1.00
	Surveillance	27.40
	Enforcement	1.00
	Executive & Auxilliary	6.20
	TOTAL	64.70
North Dakota	Planning & Water Quality Criteria	.60
	Water Pollution Control Facilities	2.50
	Other Programs	.35
	Surveillance	2.75
	Enforcement	.15
	Executive & Auxilliary	.25
	TOTAL	6.60
Ohio	Planning & Water Quality Criteria	5.50
	Water Pollution Control Facilities	25.70
	Other Programs	2.00
	Surveillance	21.50
	Enforcement	21.40
	Executive & Auxilliary	10.90
	TOTAL	87.00

MAN-YEARS ASSIGNED TO WATER POLLUTION CONTROL

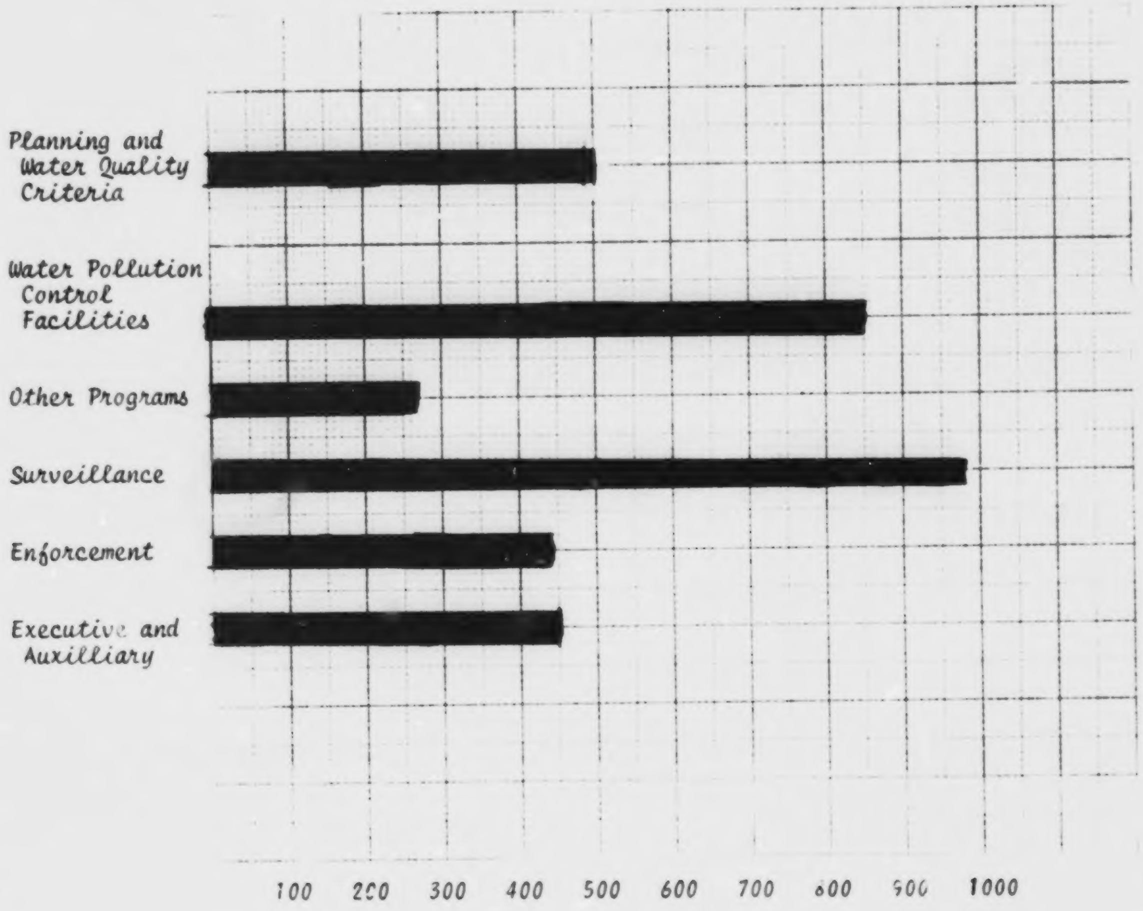
STATE	ELEMENT	MAN-YEARS
Oklahoma	Planning & Water Quality Criteria	6.30
	Water Pollution Control Facilities	9.90
	Other Programs	4.50
	Surveillance	8.20
	Enforcement	1.90
	Executive & Auxilliary	2.80
	TOTAL	33.60
	//	////////////////
Oregon	Planning & Water Quality Criteria	4.25
	Water Pollution Control Facilities	15.50
	Other Programs	1.50
	Surveillance	22.00
	Enforcement	.30
	Executive & Auxilliary	5.20
	TOTAL	48.75
	//	////////////////
Pennsylvania	Planning & Water Quality Criteria	48.75
	Water Pollution Control Facilities	68.25
	Other Programs	58.50
	Surveillance	71.50
	Enforcement	45.50
	Executive & Auxilliary	32.50
	TOTAL	325.00
	//	////////////////
Rhode Island	Planning & Water Quality Criteria	6.00
	Water Pollution Control Facilities	8.25
	Other Programs	1.70
	Surveillance	10.00
	Enforcement	.20
	Executive & Auxilliary	1.25
	TOTAL	27.40
	//	////////////////
S. Carolina	Planning & Water Quality Criteria	4.00
	Water Pollution Control Facilities	9.00
	Other Programs	1.00
	Surveillance	32.00
	Enforcement	3.00
	Executive & Auxilliary	6.00
	TOTAL	55.00
	//	////////////////
South Dakota	Planning & Water Quality Criteria	.90
	Water Pollution Control Facilities	4.90
	Other Programs	.40
	Surveillance	1.30
	Enforcement	.40
	Executive & Auxilliary	1.40
	TOTAL	9.30

MAN-YEARS ASSIGNED TO WATER POLLUTION CONTROL

STATE	ELEMENT	MAN-YEARS
Tennessee	Planning & Water Quality Criteria	8.03
	Water Pollution Control Facilities	8.33
	Other Programs	.29
	Surveillance	29.16
	Enforcement	1.79
	Executive & Auxilliary	11.90
	TOTAL	59.50
Texas	Planning & Water Quality Criteria	53.00
	Water Pollution Control Facilities	50.00
	Other Programs	-----
	Surveillance	74.00
	Enforcement	74.00
	Executive & Auxilliary	24.00
	TOTAL	275.00
Utah	Planning & Water Quality Criteria	2.78
	Water Pollution Control Facilities	2.05
	Other Programs	.80
	Surveillance	5.40
	Enforcement	.37
	Executive & Auxilliary	3.60
	TOTAL	15.00
Vermont	Planning & Water Quality Criteria	3.75
	Water Pollution Control Facilities	10.75
	Other Programs	.75
	Surveillance	10.25
	Enforcement	4.00
	Executive & Auxilliary	5.50
	TOTAL	35.00
Virginia	Planning & Water Quality Criteria	8.00
	Water Pollution Control Facilities	45.00
	Other Programs	10.00
	Surveillance	15.00
	Enforcement	6.00
	Executive & Auxilliary	30,00
	TOTAL	114.00
Washington	Planning & Water Quality Criteria	11.30
	Water Pollution Control Facilities	18.70
	Other Programs	
	Surveillance	15.30
	Enforcement	14.70
	Executive & Auxilliary	13.50
	TOTAL	73.50

MAN-YEARS ASSIGNED TO WATER POLLUTION CONTROL

STATE	ELEMENT	MAN-YEARS
West Virginia	Planning & Water Quality Criteria	7.00
	Water Pollution Control Facilities	9.00
	Other Programs	4.00
	Surveillance	10.60
	Enforcement	9.00
	Executive & Auxilliary	.50
	TOTAL	40.10
Wisconsin	Planning & Water Quality Criteria	20.00
	Water Pollution Control Facilities	23.00
	Other Programs	-----
	Surveillance	5.00
	Enforcement	37.00
	Executive & Auxilliary	3.00
	TOTAL	88.00
Wyoming	Planning & Water Quality Criteria	1.30
	Water Pollution Control Facilities	.50
	Other Programs	.20
	Surveillance	.90
	Enforcement	.10
	Executive & Auxilliary	.60
	TOTAL	3.60
Guam	Planning & Water Quality Criteria	.50
	Water Pollution Control Facilities	3.50
	Other Programs	2.00
	Surveillance	4.50
	Enforcement	1.00
	Executive & Auxilliary	2.50
	TOTAL	14.00
Puerto Rico	Planning & Water Quality Criteria	.55
	Water Pollution Control Facilities	9.20
	Other Programs	3.00
	Surveillance	9.00
	Enforcement	.85
	Executive & Auxilliary	13.10
	TOTAL	35.70
Virgin Islands	Planning & Water Quality Criteria	2.00
	Water Pollution Control Facilities	2.50
	Other Programs	2.00
	Surveillance	2.90
	Enforcement	.10
	Executive & Auxilliary	1.90
	TOTAL	11.40


Planning and Water Quality Criteria
Water Pollution Control Facilities
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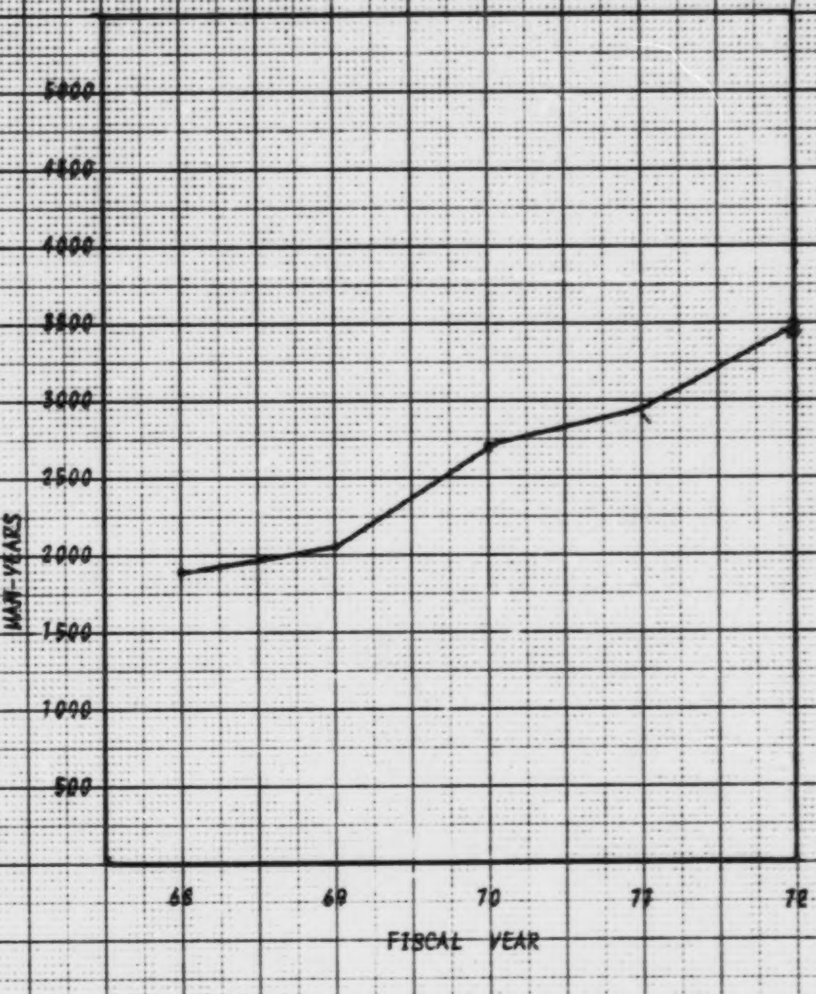
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1000
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MAN-YEARS
68
69
70
71
72
FISCAL YEAR

WATER POLLUTION CONTROL BUDGET

BY PROGRAM ELEMENT

The following tabulation by Program Element summarizes expenditures of funds by the States for FY 1972.

The elements and monetary data were extracted from the Budget document submitted with the FY 1972 State Programs.

Figure III-2 depicts the national allocation of funds reported by the States for FY 1972, which totals $53.2 million.

Total budget assigned is as follows:*

Planning & Water Quality Criteria	$ 8.2*
Water Pollution Control Facilities	11.6
Other Programs	4.6
Surveillance	14.0
Enforcement	5.9
Executive & Auxilliary	7.4
TOTAL	$51.7

*millions of dollars

WATER POLLUTION CONTROL BUDGET
BY PROGRAM ELEMENT

STATE	ELEMENT	AMOUNT
Alabama	Planning & Water Quality Criteria	80,520
	Water Pollution Control Facilities	59,542
	Other Programs	17,436
	Surveillance	62,373
	Enforcement	31,018
	Executive & Auxilliary	92,761
	TOTAL	343,650
Alaska	Planning & Water Quality Criteria	25,000
	Water Pollution Control Facilities	38,300
	Other Programs	10,000
	Surveillance	40,000
	Enforcement	------
	Executive & Auxilliary	35,000
	TOTAL	148,300
Arizona	Planning & Water Quality Criteria	24,000
	Water Pollution Control Facilities	41,000
	Other Programs	3,000
	Surveillance	38,000
	Enforcement	26,110
	Executive & Auxilliary	26,000
	TOTAL	158,110
Arkansas	Planning & Water Quality Criteria	38,975
	Water Pollution Control Facilities	202,750
	Other Programs	22,295
	Surveillance	88,110
	Enforcement	4,580
	Executive & Auxilliary	101,390
	TOTAL	458,100
California	Planning & Water Quality Criteria	1,328,000
	Water Pollution Control Facilities	1,030,000
	Other Programs	1,403,000
	Surveillance	1,412,000
	Enforcement	498,000
	Executive & Auxilliary	897,000
	TOTAL (828,500 non-allowable)	6,568,000
Colorado	Planning & Water Quality Criteria	49,807
	Water Pollution Control Facilities	114,600
	Other Programs	31,742
	Surveillance	166,170
	Enforcement	18,071
	Executive & Auxilliary	69,642
	TOTAL (17,717 non-allowable)	450,032

WATER POLLUTION CONTROL BUDGET
BY PROGRAM ELEMENT

STATE	ELEMENT	AMOUNT
Connecticut	Planning & Water Quality Criteria	11,235
	Water Pollution Control Facilities	114,597
	Other Programs	22,470
	Surveillance	310,085
	Enforcement	56,175
	Executive & Auxilliary	40,446
	TOTAL	555,008
Delaware	Planning & Water Quality Criteria	93,432
	Water Pollution Control Facilities	97,325
	Other Programs	3,893
	Surveillance	97,325
	Enforcement	58,395
	Executive & Auxilliary	38,930
	TOTAL	389,300
D. C.	Planning & Water Quality Criteria	34,399
	Water Pollution Control Facilities	1,500
	Other Programs	331,646
	Surveillance	96,006
	Enforcement	11,000
	Executive & Auxilliary	10,473
	TOTAL	882,980
Florida	Planning & Water Quality Criteria	146,996
	Water Pollution Control Facilities	222,281
	Other Programs	48,381
	Surveillance	260,855
	Enforcement	241,634
	Executive & Auxilliary	193,256
	TOTAL	1,113,403
Georgia	Planning & Water Quality Criteria	161,636
	Water Pollution Control Facilities	258,618
	Other Programs	16,164
	Surveillance	323,273
	Enforcement	16,164
	Executive & Auxilliary	113,145
	TOTAL	889,000
Hawaii	Planning & Water Quality Criteria	15,000
	Water Pollution Control Facilities	130,000
	Other Programs	7,000
	Surveillance	200,000
	Enforcement	30,000
	Executive & Auxilliary	20,000
	TOTAL	402,000

WATER POLLUTION CONTROL BUDGET
BY PROGRAM ELEMENT

STATE	ELEMENT	AMOUNT
Idaho	Planning & Water Quality Criteria	43,000
	Water Pollution Control Facilities	66,100
	Other Programs	14,000
	Surveillance	32,200
	Enforcement	39,000
	Executive & Auxilliary	16,152
	TOTAL	260,452
Illinois	Planning & Water Quality Criteria	290,105
	Water Pollution Control Facilities	874,035
	Other Programs	5,230
	Surveillance	963,927
	Enforcement	78,388
	Executive & Auxilliary	10,463
	TOTAL	2,222,148
Indiana	Planning & Water Quality Criteria	25,583
	Water Pollution Control Facilities	159,221
	Other Programs	38,469
	Surveillance	336,461
	Enforcement	29,107
	Executive & Auxilliary	188,732
	TOTAL $8,749 non-allowable	777,573
Iowa	Planning & Water Quality Criteria	122,453
	Water Pollution Control Facilities	52,655
	Other Programs	19,980
	Surveillance	32,439
	Enforcement	12,458
	Executive & Auxilliary	53,715
	TOTAL	293,700
Kansas	Planning & Water Quality Criteria	136,000
	Water Pollution Control Facilities	40,000
	Other Programs	192,000
	Surveillance	168,000
	Enforcement	2,000
	Executive & Auxilliary	36,000
	TOTAL	574,000
Kentucky	Planning & Water Quality Criteria	19,500
	Water Pollution Control Facilities	70,500
	Other Programs	103,050
	Surveillance	208,250
	Enforcement	22,300
	Executive & Auxilliary	85,350
	TOTAL	508,950

WATER POLLUTION CONTROL BUDGET
BY PROGRAM ELEMENT

STATE	ELEMENT	AMOUNT
Louisiana	Planning & Water Quality Criteria	52,250
	Water Pollution Control Facilities	120,110
	Other Programs	15,508
	Surveillance	304,336
	Enforcement	36,166
	Executive & Auxilliary	29,821
	TOTAL	608,241
Maine	Planning & Water Quality Criteria	125,214
	Water Pollution Control Facilities	116,437
	Other Programs	35,106
	Surveillance	133,991
	Enforcement	80,161
	Executive & Auxilliary	94,203
	TOTAL	585,112
Maryland	Planning & Water Quality Criteria	169,332
	Water Pollution Control Facilities	177,338
	Other Programs	228,300
	Surveillance	314,476
	Enforcement	629,801
	Executive & Auxilliary	458,643
	TOTAL	1,977,890
Massachusetts	Planning & Water Quality Criteria	109,591
	Water Pollution Control Facilities	154,971
	Other Programs	620,067
	Surveillance	156,626
	Enforcement	38,875
	Executive & Auxilliary	320,033
	TOTAL	1,400,163
Michigan	Planning & Water Quality Criteria	81,855
	Water Pollution Control Facilities	229,272
	Other Programs	147,416
	Surveillance	1,147,325
	Enforcement	65,369
	Executive & Auxilliary	245,758
	TOTAL	1,916,995
Minnesota	Planning & Water Quality Criteria	187,170
	Water Pollution Control Facilities	275,251
	Other Programs	18,877
	Surveillance	537,155
	Enforcement	141,557
	Executive & Auxilliary	382,992
	TOTAL	1,534,002

WATER POLLUTION CONTROL BUDGET
BY PROGRAM ELEMENT

STATE	ELEMENT	AMOUNT
Mississippi	Planning & Water Quality Criteria	52,879
	Water Pollution Control Facilities	59,100
	Other Programs	62,210
	Surveillance	31,105
	Enforcement	59,100
	Executive & Auxilliary	46,658
	TOTAL	311,052
	//	////////////////
Missouri	Planning & Water Quality Criteria	55,270
	Water Pollution Control Facilities	98,250
	Other Programs	30,700
	Surveillance	134,190
	Enforcement	12,280
	Executive & Auxilliary	116,682
	TOTAL	447,372
	//	////////////////
Montana	Planning & Water Quality Criteria	50,000
	Water Pollution Control Facilities	70,000
	Other Programs	34,000
	Surveillance	58,881
	Enforcement	5,000
	Executive & Auxilliary	17,000
	TOTAL	234,881
	//	////////////////
Nebraska	Planning & Water Quality Criteria	7,078
	Water Pollution Control Facilities	55,207
	Other Programs	28,311
	Surveillance	84,933
	Enforcement	4,247
	Executive & Auxilliary	60,247
	TOTAL	240,023
	//	////////////////
Nevada	Planning & Water Quality Criteria	12,950
	Water Pollution Control Facilities	15,910
	Other Programs	
	Surveillance	25,880
	Enforcement	
	Executive & Auxilliary	6,960
	TOTAL	61,700
	//	////////////////
New Hampshire	Planning & Water Quality Criteria	14,500
	Water Pollution Control Facilities	158,155
	Other Programs	18,500
	Surveillance	135,000
	Enforcement	145,500
	Executive & Auxilliary	148,500
	TOTAL	620,155

WATER POLLUTION CONTROL BUDGET
BY PROGRAM ELEMENT

STATE	ELEMENT	AMOUNT
New Jersey	Planning & Water Quality Criteria	237,040
	Water Pollution Control Facilities	525,432
	Other Programs	-------
	Surveillance	243,680
	Enforcement	103,770
	Executive & Auxilliary	115,214
	TOTAL	1,225,136
New Mexico	Planning & Water Quality Criteria	36,958
	Water Pollution Control Facilities	36,959
	Other Programs	23,454
	Surveillance	74,865
	Enforcement	14,452
	Executive & Auxilliary	50,225
	TOTAL	236,914
New York	Planning & Water Quality Criteria	1,692,576
	Water Pollution Control Facilities	1,344,988
	Other Programs	53,819
	Surveillance	692,619
	Enforcement	326,575
	Executive & Auxilliary	1,200,092
	TOTAL	5,310,669
North Carolina	Planning & Water Quality Criteria	104,800
	Water Pollution Control Facilities	288,100
	Other Programs	13,100
	Surveillance	370,200
	Enforcement	13,100
	Executive & Auxilliary	83,878
	TOTAL	873,178
North Dakota	Planning & Water Quality Criteria	6,000
	Water Pollution Control Facilities	20,500
	Other Programs	3,500
	Surveillance	23,500
	Enforcement	1,000
	Executive & Auxilliary	9,000
	TOTAL	68,500
Ohio	Planning & Water Quality Criteria	98,255
	Water Pollution Control Facilities	424,398
	Other Programs	35,472
	Surveillance	316,031
	Enforcement	316,031
	Executive & Auxilliary	387,972
	TOTAL $45,318 Non-Allowable	1,578,159

WATER POLLUTION CONTROL BUDGET
BY PROGRAM ELEMENT

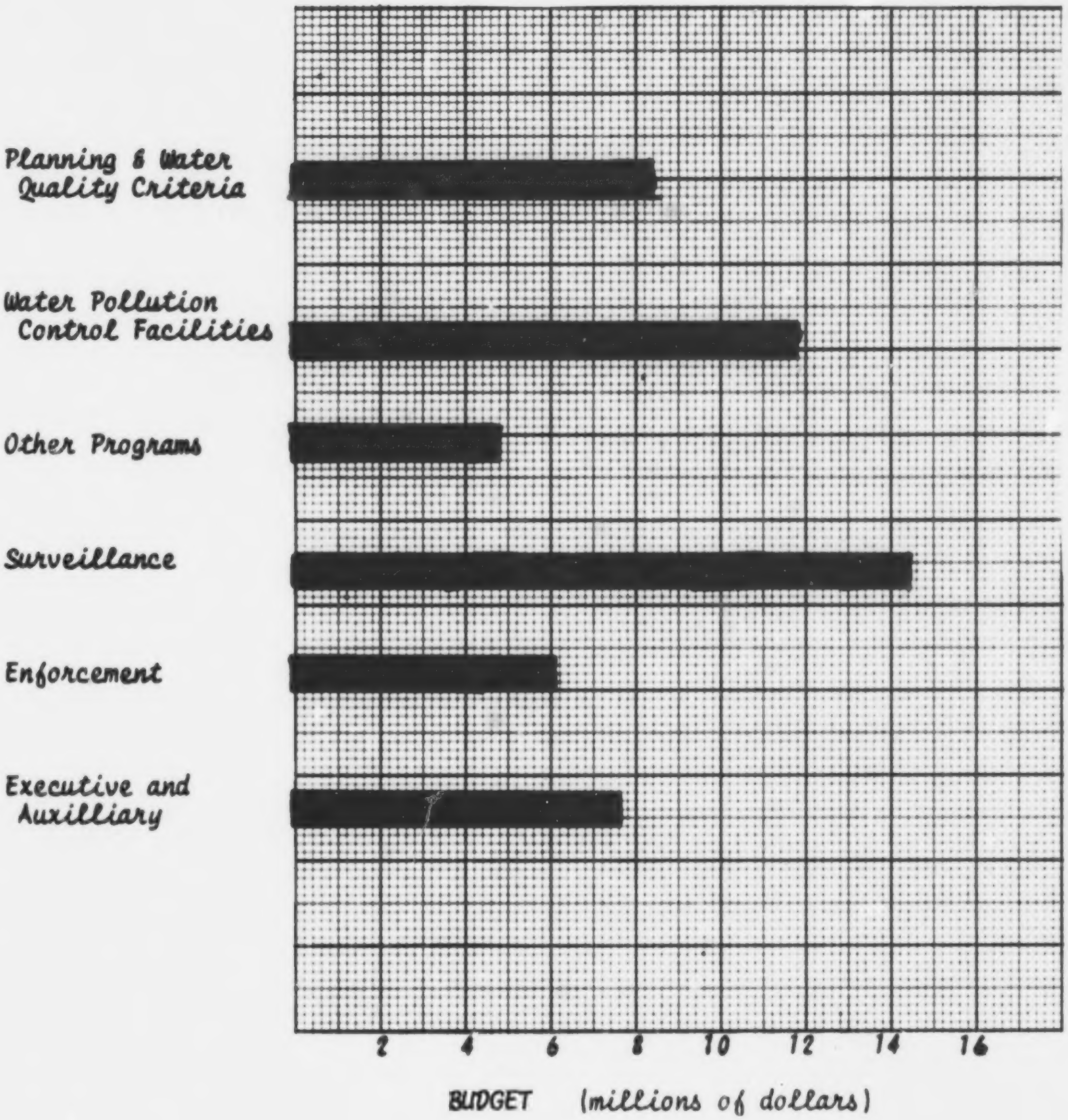
STATE	ELEMENT	AMOUNT
Oklahoma	Planning & Water Quality Criteria	63,209
	Water Pollution Control Facilities	100,356
	Other Programs	84,115
	Surveillance	85,991
	Enforcement	14,910
	Executive & Auxilliary	33,129
	TOTAL	381,710
Oregon	Planning & Water Quality Criteria	70,805
	Water Pollution Control Facilities	224,770
	Other Programs	25,430
	Surveillance	331,090
	Enforcement	11,340
	Executive & Auxilliary	85,050
	TOTAL	748,485
Pennsylvania	Planning & Water Quality Criteria	483,060
	Water Pollution Control Facilities	716,284
	Other Programs	579,672
	Surveillance	837,755
	Enforcement	526,289
	Executive & Auxilliary	322,040
	TOTAL	3,465,100
Rhode Island	Planning & Water Quality Criteria	55,549
	Water Pollution Control Facilities	98,279
	Other Programs	25,638
	Surveillance	226,469
	Enforcement	4,273
	Executive & Auxilliary	17,092
	TOTAL (99,400 non allowable)	427,300
South Carolina	Planning & Water Quality Criteria	45,053
	Water Pollution Control Facilities	101,495
	Other Programs	11,277
	Surveillance	360,500
	Enforcement	33,770
	Executive & Auxilliary	67,534
	TOTAL	619,629
South Dakota	Planning & Water Quality Criteria	10,000
	Water Pollution Control Facilities	58,000
	Other Programs	6,000
	Surveillance	15,000
	Enforcement	6,000
	Executive & Auxilliary	1,914
	TOTAL	96,914

WATER POLLUTION CONTROL BUDGET
BY PROGRAM ELEMENT

STATE	ELEMENT	AMOUNT
Tennessee	Planning & Water Quality Criteria	133,164
	Water Pollution Control Facilities	138,096
	Other Programs	4,932
	Surveillance	483,336
	Enforcement	29,592
	Executive & Auxilliary	197,280
	TOTAL 4,000 non-allowable	986,400
Texas	Planning & Water Quality Criteria	794,031
	Water Pollution Control Facilities	753,102
	Other Programs	-------
	Surveillance	1,094,863
	Enforcement	1,094,864
	Executive & Auxilliary	356,086
	TOTAL	4,092,946
Utah	Planning & Water Quality Criteria	37,749
	Water Pollution Control Facilities	30,191
	Other Programs	12,599
	Surveillance	72,064
	Enforcement	5,701
	Executive & Auxilliary	34,510
	TOTAL	192,814
Vermont	Planning & Water Quality Criteria	50,347
	Water Pollution Control Facilities	136,235
	Other Programs	18,374
	Surveillance	39,138
	Enforcement	34,471
	Executive & Auxilliary	55,624
	TOTAL	384,189
Virginia	Planning & Water Quality Criteria	92,000
	Water Pollution Control Facilities	548,000
	Other Programs	122,000
	Surveillance	183,000
	Enforcement	72,000
	Executive & Auxilliary	369,890
	TOTAL	1,386,890
Washington	Planning & Water Quality Criteria	199,430
	Water Pollution Control Facilities	330,225
	Other Programs	
	Surveillance	269,360
	Enforcement	259,000
	Executive & Auxilliary	236,985
	TOTAL	1,295,000

WATER POLLUTION CONTROL BUDGET
BY PROGRAM ELEMENT

STATE	ELEMENT	AMOUNT
West Virginia	Planning & Water Quality Criteria	100,000
	Water Pollution Control Facilities	150,000
	Other Programs	78,231
	Surveillance	150,000
	Enforcement	120,000
	Executive & Auxilliary	65,157
	TOTAL	663,388
Wisconsin	Planning & Water Quality Criteria	475,700
	Water Pollution Control Facilities	503,200
	Other Programs	125,500
	Surveillance	156,600
	Enforcement	608,400
	Executive & Auxilliary	40,000
	TOTAL	1,909,300
Wyoming	Planning & Water Quality Criteria	26,000
	Water Pollution Control Facilities	10,000
	Other Programs	4,000
	Surveillance	18,000
	Enforcement	2,000
	Executive & Auxilliary	12,000
	TOTAL	72,000
Guam	Planning & Water Quality Criteria	9,000
	Water Pollution Control Facilities	32,805
	Other Programs	17,000
	Surveillance	54,000
	Enforcement	8,000
	Executive & Auxilliary	19,000
	TOTAL	139,805
Puerto Rico	Planning & Water Quality Criteria	15,000
	Water Pollution Control Facilities	78,500
	Other Programs	30,000
	Surveillance	110,000
	Enforcement	40,000
	Executive & Auxilliary	63,000
	TOTAL	336,500
Virgin Islands	Planning & Water Quality Criteria	20,000
	Water Pollution Control Facilities	20,000
	Other Programs	20,000
	Surveillance	32,000
	Enforcement	2,800
	Executive & Auxilliary	15,000
	TOTAL	109,800


Planning & Water Quality Criteria
Water Pollution Control Facilities
Other Programs
Surveillance
Enforcement
Executive and Auxilliary
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BUDGET (millions of dollars)

EXPENDITURE ESTIMATES

FY 1972

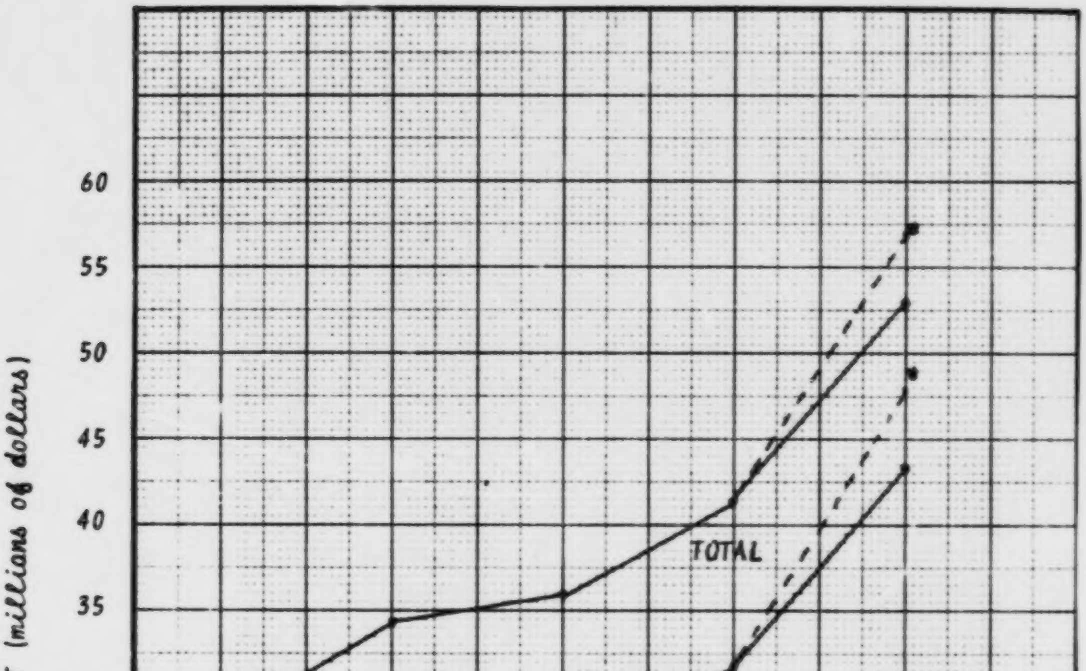
As in the preceding section, the figures in this tabulation were extracted from the FY 1972 Budget document submitted by the State agencies. It compares the reported State and Federal funds allotted for water quality control by each State agency as well as providing a combined total of funds reported to be expended.

Figure III-3 shows the Federal, reported State, and Total Program of water quality control expenditures for FY 1968 through FY 1972.

NOTE: Under P.L. 92-240, dated March 1, 1972, $14.1 million is now allotted to State agencies.

EXPENDITURE ESTIMATES FY 1972*

STATE	FEDERAL FUNDS	STATE FUNDS	TOTAL FUNDS
Alabama	184,900	158,750	343,650
Alaska	20,400	127,900	148,300
Arizona	76,800	81,310	158,110
Arkansas	112,600	345,500	458,100
California	653,000	4,934,000	5,587,000
Colorado	90,900	341,415	432,315
Connecticut	169,591	453,731	623,322
Delaware	86,000	238,300	324,300
D. C.	86,800	388,224	475,024
Florida	276,800	836,603	1,113,403
Georgia	213,800	675,200	889,000
Hawaii	71,100	330,900	402,000
Idaho	43,900	216,552	260,452
Illinois	430,900	1,791,248	2,222,148
Indiana	233,800	535,024	768,824
Iowa	123,300	170,400	293,700
Kansas	95,000	478,100	573,100
Kentucky	164,000	344,950	508,950
Louisiana	179,600	428,641	608,241
Maine	63,600	521,512	585,112
Maryland	183,900	1,793,990	1,977,890
Massachusetts	267,800	1,132,363	1,400,163
Michigan	360,100	1,556,895	1,916,995
Minnesota	158,000	1,385,002	1,543,002
Mississippi	137,200	173,852	311,052
Missouri	197,400	249,972	447,372
Montana	39,500	195,381	234,881
Nebraska	67,700	173,023	240,723
Nevada	25,500	36,200	61,700
New Hampshire	64,900	555,535	620,435
New Jersey	312,200	912,936	1,225,136
New Mexico	53,100	183,814	236,914
New York	645,400	4,665,269	5,310,669
North Carolina	258,400	614,778	873,178
North Dakota	37,400	31,100	68,500
Ohio	447,800	1,085,041	1,532,841
Oklahoma	118,000	263,710	381,710
Oregon	98,900	649,585	748,485
Pennsylvania	489,400	2,731,000	3,220,400
Rhode Island	108,800	219,100	327,900
South Carolina	151,000	468,629	619,629
South Dakota	38,900	58,014	96,914
Tennessee	204,300	778,100	982,400
Texas	424,600	3,668,346	4,092,946
Utah	56,100	136,714	192,814
Vermont	44,200	339,989	384,189
Virginia	208,400	1,178,490	1,386,890
Washington	137,300	1,157,700	1,295,000
West Virginia	107,600	530,631	638,231
Wisconsin	199,500	1,709,800	1,909,300
Wyoming	24,200	47,800	72,000
Guam	74,300	65,505	139,805
Puerto Rico	192,500	144,000	336,500
Virgin Islands	73,200	36,600	109,800
TOTAL	9,384,291	42,327,124	51,711,415



*Additional appropriations authorized 3/1/72 under P.L. 92-240 bring Federal contribution to $14.1 million.

STATE	COST PER MAN-YEAR
Alabama	11,490
Alaska	21,185
Arizona	13,800
Arkansas	10,411
California	20,883
Colorado	18,001
Connecticut	11,100
Delaware	10,165
D. C.	9,917
Florida	12,797
Georgia	16,163
Hawaii	13,000
Idaho	15,320
Illinois	14,430
Indiana	12,342
Iowa	9,629
Kansas	15,600
Kentucky	12,413
Louisiana	12,164
Maine	17,730
Maryland	17,818
Massachusetts	24,140
Michigan	16,384
Minnesota	18,047
Mississippi	13,524
Missouri	13,980
Montana	14,680
Nebraska	14,117
Nevada	10,282
New Hampshire	11,079
New Jersey	11,668
New Mexico	10,300
New York	24,586
North Carolina	13,433
North Dakota	9,785
Ohio	18,139
Oklahoma	11,226
Oregon	15,275
Pennsylvania	10,662
Rhode Island	15,825
South Carolina	11,265
South Dakota	10,768
Tennessee	16,440
Texas	14,883
Utah	12,854
Vermont	10,976
Virginia	12,168
Washington	17,737
West Virginia	15,916
Wisconsin	21,696
Wyoming	18,000
Guam	9,986
Puerto Rico	9,347
Virgin Islands	9,981

SALARY RANGES

Salary information reported by the States appears to be of interest to the users of the Digest. Also, those steps within the salary ranges reported are of interest.

The first item of interest is the starting salary of the agency head, the monetary inducement to undertake the responsibility for administering a State water quality control program. Reported starting salaries ranged from 11.5 - 15.5 to 34.5 with a median of 17.6 - 21.1 annually.

The second is the top salary attainable by a professional excluding the head of the agency, which set the ultimate limit for all entering professionals, excluding the agency head. The range for this salary class as reported is from 9.8 - 13.6 to 28.1 - 30.0 annually with a median of 15.0 - 19.8.

The third is the starting salary for entering professionals. The range in this area is from 7.4 - 12.9 annually with a median of 9.2 annually.

SALARY RANGES*

STATE	TOP	SECOND	STARTING ENGINEER
Alabama	14.5 - 18.8	13.9 - 18.0	8.9
Alaska	16.2 - 19.5	14.0 - 16.8	10.4
Arizona	16.5 - 21.1	15.1 - 19.3	9.7
Arkansas	12.0 -	11.7 - 16.7	7.7
California	26.2	25.0	10.0
Colorado	17.0 - 23.0	15.0 - 20.0	10.0
Connecticut	19.6 - 24.2	17.0 - 20.8	8.2
Delaware	22.0	17.8 - 25.0	9.8
D. C.	30.0	28.0	12.0
Florida	23.0	21.0	10.0
Georgia	27.5	13.6 - 18.1	9.4
Hawaii	21.0	19.0	8.0
Idaho	14.0 - 18.0	13.0 - 17.0	10.0
Illinois	19.2 - 26.7	17.8 - 24.7	8.0
Indiana	24.5 - 29.5	23.3 - 28.2	9.3
Iowa	16.0 - 22.0	14.0 - 20.0	10.0
Kansas	12.3 - 17.2	9.8 - 13.6	7.4
Kentucky	14.0 - 18.0	14.0 - 18.0	9.0
Louisiana	11.5 - 16.3	11.6 - 15.6	8.6
Maine	20.0 - 22.3	15.7 - 19.1	8.8
Maryland	13.7 - 18.0	13.7 - 18.0	8.8
Massachusetts	20.0 - 26.0	16.0 - 20.0	9.8
Michigan	22.5 - 27.7	20.6 - 25.5	11.0
Minnesota	15.6 - 20.5	13.9 - 18.2	10.5
Mississippi	18.3 - 25.7	15.0 - 21.1	8.4
Missouri	15.0 - 20.0	13.0 - 18.0	9.0
Montana	16.0 - 20.0	13.5 - 18.0	9.8
Nebraska	14.6 - 18.0	13.9 - 18.0	7.5
Nevada	18.6 - 22.6	15.4 - 18.6	9.3
New Hampshire	18.0 - 22.0	17.0 - 19.0	11.7
New Jersey	17.7 - 23.0	14.6 - 19.0	11.0
New Mexico	14.0	13.0	7.6
New York	34.5	26.6 - 30.0	12.1
North Carolina	15.9 - 20.2	14.4 - 18.3	10.8
North Dakota	17.6 - 22.2	12.1 - 15.3	8.9
Ohio	20.0 - 26.0	17.0 - 23.0	10.0
Oklahoma	18.0 - 22.0	18.0 - 20.0	8.0
Oregon	16.6 - 21.2	15.8 - 20.1	9.2
Pennsylvania	21.7 - 27.7	18.7 - 23.9	9.9
Rhode Island	19.0 - 22.0	15.0 - 18.0	9.0
South Carolina	22.0 - 26.0	15.0 - 20.0	8.0
South Dakota	14.2 - 18.1	12.4 - 15.8	8.7
Tennessee	17.6 - 20.0	16.4 - 18.8	9.1
Texas	22.5	18.5	11.2
Utah	13.4 - 20.4	12.1 - 18.4	7.4
Vermont	16.3 - 23.0	14.6 - 20.4	8.3
Virginia	22.4	15.7 - 19.6	10.5
Washington	25.0 -	12.8 - 16.3	9.1
West Virginia	11.5 - 14.5	12.1 - 15.5	10.9
Wisconsin	23.0	20.0 - 23.0	9.0
Wyoming	14.1 - 18.2	11.2 - 14.5	11.2
Guam	16.0	14.0	12.0
Puerto Rico	25.0	18.6	7.8
Virgin Islands	20.2 - 25.7	16.9 - 21.5	8.6

*In Thousands

STATE-BY-STATE RANKING

The following tabulations provide various comparisons of resource allocations reported by the States; i.e., budget and manpower.

The following State rank from 1 to 10 for:

BUDGET (State)	MANPOWER
California	Pennsylvania
New York	California
Pennsylvania	Texas
Texas	New York
Maryland	Illinois
Illinois	Michigan
Wisconsin	Virginia
Michigan	Maryland
Minnesota	New Jersey
Virginia	Wisconsin

STATE	POPULATION*	RANK BY POP.	RANK BY MAN-YEARS
Alabama	3,479	21	38
Alaska	313	52	51
Arizona	1,849	34	48
Arkansas	1,944	33	26
California	20,223	1	2
Colorado	2,283	29	40
Connecticut	3,081	24	23
Delaware	558	48	34
D. C.	741	43	25
Florida	7,041	9	11
Georgia	4,664	15	21
Hawaii	789	41	36
Idaho	732	44	44
Illinois	11,196	5	5
Indiana	5,274	11	16
Iowa	2,852	25	37
Kansas	2,258	30	29
Kentucky	3,282	23	27
Louisiana	3,681	20	22
Maine	1,003	39	33
Maryland	4,000	17	8
Massachusetts	5,758	10	18
Michigan	8,997	7	6
Minnesota	3,881	19	13
Mississippi	2,226	31	41
Missouri	4,749	13	35
Montana	708	45	45
Nebraska	1,512	36	43
Nevada	507	49	53
New Hampshire	752	42	19
New Jersey	7,300	8	9
New Mexico	1,030	38	42
New York	18,391	2	4
North Carolina	5,146	12	15
North Dakota	625	47	52
Ohio	10,778	6	12
Oklahoma	2,610	28	32
Oregon	2,158	32	24
Pennsylvania	11,879	3	1
Rhode Island	960	40	39
South Carolina	2,627	27	20
South Dakota	670	46	50
Tennessee	3,990	18	17
Texas	11,460	4	3
Utah	1,099	37	46
Vermont	453	50	31
Virginia	4,714	14	7
Washington	3,449	22	14
West Virginia	1,746	35	28
Wisconsin	4,476	16	10
Wyoming	340	51	54
Guam	85	53	47
Puerto Rico	2,712	26	30
Virgin Islands	62	54	49

Median-2,627-S.C.   Median-40.60-Kentucky

STATE	PER CAPITA BUDGET	RANK BY PER CAPITA BUDGET *	RANK BY STATE FUNDS	RANK BY FED. GRANT	RANK BY TOTAL FUNDS
Alabama	.10	33	44	20	36
Alaska	.47	9	47	54	48
Arizona	.08	35	48	39	47
Arkansas	.23	22	29	31	30
California	.28	19	1	1	1
Colorado	.19	25	31	36	32
Connecticut	.20	24	26	23	22
Delaware	.58	6	36	38	39
D. C.	.65	5	28	37	29
Florida	.16	28	15	9	15
Georgia	.19	25	17	14	17
Hawaii	.51	7	33	42	33
Idaho	.36	14	38	48	42
Illinois	.20	24	6	5	5
Indiana	.15	29	21	13	19
Iowa	.10	33	43	29	41
Kansas	.25	20	24	35	27
Kentucky	.16	28	30	24	28
Louisiana	.17	27	27	22	25
Maine	.58	6	23	44	26
Maryland	.49	8	5	21	6
Massachusetts	.24	21	12	10	11
Michigan	.21	23	8	7	7
Minnesota	.40	11	9	25	9
Mississippi	.14	30	41	28	40
Missouri	.09	34	35	18	31
Montana	.33	17	39	49	45
Nebraska	.16	28	42	12	43
Nevada	.12	31	53	52	54
New Hampshire	.83	4	20	43	23
New Jersey	.17	27	14	8	14
New Mexico	.23	22	40	46	44
New York	.29	18	2	2	2
N. Carolina	.17	27	19	11	18
N. Dakota	.11	32	54	51	53
Ohio	.14	30	13	4	10
Oklahoma	.15	29	34	30	35
Oregon	.35	15	18	34	20
Pennsylvania	.38	12	3	3	3
Rh. Island	.34	16	37	32	38
S. Carolina	.24	21	25	26	24
S. Dakota	.14	30	50	50	51
Tennessee	.25	20	16	16	16
Texas	.36	14	4	6	4
Utah	.18	26	46	45	46
Vermont	.85	3	32	47	34
Virginia	.29	18	10	15	12
Washington	.38	12	11	27	13
West Virginia	.37	13	22	33	21
Wisconsin	.43	10	7	17	8
Wyoming	.21	23	51	53	52
Guam	1.64	2	49	40	49
Puerto Rico	.12	31	45	19	37
Vir. Islands	1.77	1	52	41	50

*Ranked from 1-35 as there is duplication in per capita budget

BASIN/METROPOLITAN PLANS

Federal regulations (18 CFR 601.32 and 33) require that any municipal waste treatment facility or interceptor sewer receiving grant support under Section 8 of the Federal Water Pollution Control Act, as amended, be included in a basin plan, and where appropriate, also a metropolitan/regional plan.

The following tabulation summarizes the plans required by each State and when they are expected to be developed. Out of the 1063 plans required 144 have been developed and 450 are to be developed this fiscal year. Thus 55.8 percent of the plan needed will be developed by the end of FY 1972.

STATE	BASIN/METRO PLANS REQUIRED	INTERIM PLANS DEVELOPED	INTERIM PLANS TO BE DEVELOPED THIS YEAR
Alabama	20		
Alaska	27	2	5
Arizona	14		21
Arkansas	10		
California	29	29	-
Colorado	13	2	11
Connecticut	14	7	7
Delaware	3	3	-
D. C.	-	-	-
Florida	21	-	6
Georgia	21	1	20
Hawaii	6	3	3
Idaho	6	-	6
Illinois	23	10	7
Indiana	28	0	28
Iowa	24	9	15
Kansas	19	0	19
Kentucky	14		
Louisiana	19		1
Maine	8	5	3
Maryland	14		6
Massachusetts	32	7	11
Michigan	25		25
Minnesota	14		10
Mississippi	10		4
Missouri	14		4
Montana	7	-	3
Nebraska	13	-	4
Nevada	13	2	-
New Hampshire	7		
New Jersey	46	-	20
New Mexico	10	-	6
New York	22	-	7
North Carolina	91	15	49
North Dakota	24	3	15
Ohio	32	18	-
Oklahoma	26	9	
Oregon	22		
Pennsylvania	32	-	-
Rhode Island	4	4	-
South Carolina	14	-	-
South Dakota	23	-	17
Tennessee	9	-	-
Texas	44	-	18
Utah	11	6	3
Vermont	17	7	6
Virginia	30	-	30
Washington	62		8
West Virginia	15	-	-
Wisconsin	30	-	30
Wyoming	8	-	2
Guam	1	1	-
Puerto Rico	5	1	-
Virgin Islands	3	-	-

STATE	PLANNING PARTICIPATION WITH: EPA	WRC	OTHER FEDERAL AGENCIES
Alabama	X		
Alaska	X	X	
Arizona	X	X	X
Arkansas	X	X	X
California	X	X	X
Colorado	X	X	
Connecticut			
Delaware	X	X	X
D. C.			
Florida	X		X
Georgia	X		
Hawaii	X		X
Idaho	X		X
Illinois	X		X
Indiana	X	X	
Iowa	X	X	
Kansas	X		X
Kentucky	X	X	
Louisiana	X	X	
Maine		X	
Maryland			X
Massachusetts	X	X	X
Michigan	X	X	X
Minnesota	X		
Mississippi	X	X	X
Missouri	X		X
Montana	X		
Nebraska	X		
Nevada	X	X	
New Hampshire			
New Jersey	X	X	X
New Mexico	X	X	
New York	X		
North Carolina	X	X	
North Dakota		X	
Ohio	X	X	
Oklahoma	X	X	X
Oregon	X	X	
Pennsylvania	X	X	X
Rhode Island	X	X	
South Carolina	X	X	
South Dakota			
Tennessee	X		X
Texas	X		
Utah	X	X	
Vermont	X	X	
Virginia	X		X
Washington	X		X
West Virginia	X	X	
Wisconsin	X		X
Wyoming	X	X	X
Guam	X		
Puerto Rico	X	X	X
Virgin Islands		X	X

BASIN PLANNING GRANTS

Under Section 3 (c) of the Federal Water Pollution Control Act, as amended the States are afforded the opportunity to receive financial assistance in the development of an effective, comprehensive water quality control and abatement plan for a basin.

The following listing shows the anticipated applications for request of these funds for FY 1972, which totals 91.

STATE	# GRANT TO* BE REQUESTED	BASINS INVOLVED
Alabama	2	Mobile Bay; Perdido-Escambia River
Alaska	1	Greater Anchorage Area Borough
Arizona	0	
Arkansas	6	Arkansas River; St. Francis River; White River; Ouachita River; Red River; Grand River
California	1	Ventura Regional County Sanitation District
Colorado	3	Pikes Pike Area; Pueblo Regional Planning Council; Larimer-Weld Planning Council
Connecticut	2	Quinnipiac River Basin; Pequabuck River Basin
Delaware	0	
D. C.	0	
Florida	12	Metro/Reg Plans
Georgia	0	
Hawaii	6	To Develop Metro/Regional Plans
Idaho	2	To Develop Metro/Reg Plans
Illinois	1	Basin Planning
Indiana		
Iowa	1	Council Bluffs-Omaha
Kansas	1	Topeka-Shawnee County Planning Commission
Kentucky	3	Green River Basin; Kentucky River Basin; Main Stem Ohio
Louisiana	0	
Maine	4	St. John River; N. Maine Regional Planning Commission; Androscoggin; Androscoggin Valley Reg. Plng. Comm.
Maryland	0	
Massachusetts	0	
Michigan	1	
Minnesota	2	Duluth-Superior; Fargo-Moorhead
Mississippi	4	Pearl River; Tombigbee River; Gulf Regional Planning Commission; Pat Harrison Waterway District
Missouri	2	St. Joseph; East-West Gateway Coordinating Council
Montana	1	Clarks Fork-Yellowstone River
Nebraska	2	Omaha Metro Area; Salt Valley Basin
Nevada	2	Truckee River Basin; Carson River Basin
New Hampshire		
New Jersey	4	Passaic River Basin; Atlantic City; Salem; Cumberland
New Mexico	1	To develop basin plans
New York	0	
North Carolina	2	Catawba River Basin; Yaden-Pee Dee River Basin
North Dakota	0	
Ohio	1	Cuyahoga River
Oklahoma	1	Arkansas River (Tulsa area)
Oregon	0	
Pennsylvania	1	
Rhode Island	1	Pawtuxet River Basin Authority
South Carolina	4	Pee-Dee; Santee-Cooper; Edisto Combahee; Savannah
South Dakota	2	James River Basin; Big Sioux River Basin
Tennessee	0	
Texas	10	Trinity; Coastal Bend; Deep East; Red River; Brazos; Golden Crescent; Ark-Tex; N.W. Texas; Nueces; Panhandle
Utah	1	Jordan River
Vermont	0	
Virginia	1	James River Basin
Washington	4	Stillaguamish; Metro-King County; Walla Walla-Columbia; Snohomish County
West Virginia	0	

STATE	$ GRANT TO BE REQUESTED	BASINS INVOLVED
Wisconsin	0	
Wyoming	0	
Guam	0	
Puerto Rico	0	
Virgin Islands	0	

*The above grants requests are submitted in order to receive funds provided under Section 3(c) of the Federal Water Pollution Control Act, as amended.

WATER QUALITY CRITERIA

Under Section 10 of the Federal Water Pollution Control Act, as amended, State and interstate action to abate pollution of interstate or navigable waters is encouraged.

Thus, the States have adopted water quality criteria applicable to interstate waters or portions thereof within such State, and a plan for the implementation and enforcement of the water quality criteria adopted.

There are at the present 46 States with fully approved standards containing an antidegradation statement. The status of the remaining eight is contained on the following list.

February 1, 1972

WATER QUALITY STANDARDS APPROVED UNDER THE FEDERAL WATER POLLUTION CONTROL ACT, AS AMENDED

State	Status	Approval Dates	State	Status	Approval Dates	
Alabama	P	2/15/68	New Jersey	FA	3/13/68 7/26/71	
Alaska	FA	2/20/68 10/5/71	New Mexico	FA	7/09/68 11/19/68 8/21/69	
Arizona	FA	9/27/68 1/17/69	New York	FA	7/10/67 8/07/67 3/04/71	7/26/71
Arkansas	FA	8/07/67 11/19/69	North Carolina	FA	5/16/68 1/20/71	
California	FA	1/07/69 1/26/72	North Dakota	FA	8/07/67 5/22/70	
Colorado	FA	10/21/68 10/07/69 3/04/71	Ohio	PA	3/04/68 9/13/68 1/02/69	
Connecticut	FA	2/15/68 4/21/70	Oklahoma	FA	2/28/68 2/17/70	
Delaware	FA	3/13/68 7/30/71	Oregon	FA	7/18/67 9/13/68 12/17/68 1/16/70	
Florida	FA	1/17/69	Pennsylvania	FA	5/21/68 10/7/71	
Georgia	F	7/18/67	Rhode Island	FA	1/30/68 11/19/68 1/20/71	
Hawaii	FA	3/13/68 6/28/71	South Carolina	FA	10/21/68 4/21/69 12/23/71	
Idaho	FA	8/07/67 2/15/68 6/07/71	South Dakota	FA	8/07/67 6/28/71	
Illinois	PA	1/27/69	Tennessee	P	2/28/68	
Indiana	FA	7/18/67 1/20/71	Texas	FA	1/27/68 5/02/69	
Iowa	FA	1/16/69 6/30/71	Utah	FA	12/31/68	
Kansas	FA	4/25/69 3/05/71	Vermont	FA	6/27/68 8/24/71	
Kentucky	FA	3/20/69 12/23/71	Virginia	FA	1/17/69 2/22/71	
Louisiana	PA	2/12/68 12/17/69	Washington	FA	1/22/68	
Maine	FA	4/03/68 12/12/69 3/22/71 7/15/71	West Virginia	FA	5/21/68 7/30/71	
Maryland	FA	8/07/67 7/16/71	Wisconsin	FA	1/24/68	
Massachusetts	FA	8/07/67 11/25/70	Wyoming	FA	11/27/68	
Michigan	PA	4/17/68	District of Columbia	FA	4/17/68 1/17/69	
Minnesota	FA	6/18/68 11/26/69	Guam	FA	6/12/68	
Mississippi	P	5/06/68	Puerto Rico	FA	12/30/68	
Missouri	FA	2/08/68 6/26/68 7/30/70	Virgin Islands	FA	2/28/68 4/28/70	
Montana	FA	2/29/68 1/17/69				
Nebraska	FA	12/19/68 6/25/71				
Nevada	FA	4/27/68				
New Hampshire	FA	8/16/68 12/01/70				

Legend:

FA - Fully approved water quality standards - antidegradation statement included	46
F - Approved water quality standards - antidegradation statement not included	1
PA - Partially approved water quality standards - antidegradation statement included	4
P - Partially approved water quality standards - antidegradation statement not included	3

STATUS SUMMARY

	States
Fully approved with antidegradation statement (FA)	46
Standards approved wholly or in part	54
Approved antidegradation statement	50

WATER QUALITY MANAGEMENT TRAINING

CERTIFICATION OF OPERATORS

The training and certification of waste treatment plant operators is of prime importance in the water quality control field. Thirty-eight States report some type of training program for operators, and twenty-one States report having a mandatory certification program.

The following tabulations list the types of courses offered by the States and the certified operators by type of plant.

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
				TOTAL	MGMT.	PROCESS OPERATORS	LAB. PERS.	MAINT. PERS.	OTHERS
Alabama	FUNDAMENTAL	858	5	100	5	50	10	30	5
	INTERMEDIATE	3,325	19	200	10	100	20	60	10
	ADVANCED	0							
	LAB PROCEDURES	0							
	REFRESHER	764	5	100	5	50	10	30	5
	OTHER (Specify)	0							
Alaska	FUNDAMENTAL								
	INTERMEDIATE	PROGRAM TO BE DEVELOPED THIS YEAR							
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Arizona	FUNDAMENTAL								
	INTERMEDIATE	2,914	28	26	2	18	2	4	0
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Arkansas	FUNDAMENTAL	17,600	10	110	2	100	3	5	0
	INTERMEDIATE	4,320	1	27	1	15	1	10	0
	ADVANCED	2,400	1	15	1	14	0	0	0
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
California	FUNDAMENTAL		2	120		120			
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
				TOTAL	MGMT.	PROCESS OPERATORS	[illegible]	[illegible]	OTHER
Colorado	FUNDAMENTAL	40	1	109		U N K N O W N			
	INTERMEDIATE								
	ADVANCED	40	1	63		U N K N O W N			
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Connecticut	FUNDAMENTAL	19,840	3	40		20		20	
	INTERMEDIATE	30,240	2	40		20		20	
	ADVANCED								
	LAB PROCEDURES	1,080	2	30		20	10		
	REFRESHER								
	OTHER (Specify) Sup.Inst for OJT	720	2	30	30				
Delaware	FUNDAMENTAL	840	1	30					30
	INTERMEDIATE		1	10	2	4	1	2	1
	ADVANCED		1	2					2
	LAB PROCEDURES								
	REFRESHER		1	2					2
	OTHER (Specify)								
D. C.	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify) OJT		1			20			
Florida	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
				TOTAL	MGMT.	PROCESS OPERATORS	LAB. PERS.	MAIN. PERS.	OTHERS
Georgia	FUNDAMENTAL	2,600	2	100	5	85	5	5	0
	INTERMEDIATE	0							
	ADVANCED	1,250	2	50	5	45	0	0	0
	LAB PROCEDURES	1,200	1	15	0	5	10	0	0
	REFRESHER	0							
	OTHER (Specify)	57,600	2	30	0	30	0	0	0
Hawaii	FUNDAMENTAL	20	1	40		40			
	INTERMEDIATE	20	1	35		35			
	ADVANCED	20	1	35		35			
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Idaho	FUNDAMENTAL	500	1	25		13	2	10	
	INTERMEDIATE								
	ADVANCED	700	1	35		15	5	15	
	LAB PROCEDURES	240	1	60		28	7	25	
	REFRESHER								
	OTHER (Specify)								
Illinois	FUNDAMENTAL	12,000	7	250	--	175	25	50	
	INTERMEDIATE	14,500	5	150	20	80	25	25	
	ADVANCED	4,800	2	100	20	50	10	20	
	LAB PROCEDURES	1,600	4	200	25	25	150	--	
	REFRESHER	14,000	5	950	150	400	100	250	50
	OTHER (Specify) Public Officials	1,600	4	200	200	--	--	--	
Indiana	FUNDAMENTAL	300	5	60			60		
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify) STP	30,000	8	160					

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
				TOTAL	MGMT.	PROCESS OPERATORS	LAB. PERS.	MAINT. PERS.	OTHERS
Iowa	FUNDAMENTAL	200	6	200					
	INTERMEDIATE								
	ADVANCED	40	1	40					
	LAB PROCEDURES	30	2	30					
	REFRESHER								
	OTHER (Specify) Short Courses	36	1	36					
Kansas	FUNDAMENTAL		3	150		140	2	-	8
	INTERMEDIATE		1	110		80	10	10	10
	ADVANCED								
	LAB PROCEDURES		1	62		58	2		2
	REFRESHER								
	OTHER (Specify)								
Kentucky	FUNDAMENTAL	300	1	50		50			
	INTERMEDIATE	16,500	3	63		58	5		
	ADVANCED								
	LAB PROCEDURES	250	10	50		40	10		
	REFRESHER	3,600	1	200	10	180	10		
	OTHER (Specify)								
Louisiana	FUNDAMENTAL	6,800	6	150	10	175	5	50	10
	INTERMEDIATE	5,800	6	150	10	175	5	50	10
	ADVANCED	4,800	4	60	0	58	2	0	0
	LAB PROCEDURES	1,150	8	48	0	32	10	0	6
	REFRESHER								
	OTHER (Specify)	2,000	-	20					20
Maine	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED		N O N E						
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS: TOTAL	MGMT.	PROCESS OPERATOR	LAB. PERS.	MAINT. PERS.	OTHER
Maryland	FUNDAMENTAL	16,400	1	180		180			
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES	960	1						
	REFRESHER								
	OTHER (Specify) Cont. education for industrial waste treatment plant operators		1	75		75		2	
Massachusetts	FUNDAMENTAL	2,650	2	30	2	28			
	INTERMEDIATE	450	1	10	2	8			
	ADVANCED	450	1	10	3	7			
	LAB PROCEDURES	200	1	50	5	45			
	REFRESHER								
	OTHER (Specify) OJT	1,000	2	20					
Michigan	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER	5,000	4	350	30	300	20	--	--
	OTHER (Specify)	13,600	5	150		150			
Minnesota	FUNDAMENTAL	12,000	12	240		240			
	INTERMEDIATE	3,600	1	200		200			
	ADVANCED								
	LAB PROCEDURES	450	1	15		15			
	REFRESHER								
	OTHER (Specify)								
Mississippi	FUNDAMENTAL	1,392	8	88		88			
	INTERMEDIATE	780	2	40		40			
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
				TOTAL	MGMT	PROCESS OPERATORS	LAB PERS.	[illegible] PERS.	OTHERS
Missouri	FUNDAMENTAL	7,800	20	350	125	200	10	15	
	INTERMEDIATE	800	2	20	5	10		5	
	ADVANCED	300	1	20	10				
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Montana	FUNDAMENTAL	2,500	3	80	5	25		50	
	INTERMEDIATE								
	ADVANCED	600	1	20	5	10	5		
	LAB PROCEDURES	380	3	90		35	5	50	
	REFRESHER								
	OTHER (Specify) Corres.	4,000	1	20				20	
	OJT	1,500	40	40		5		35	
Nebraska	FUNDAMENTAL	220	4						
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Nevada	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
New Hampshire	FUNDAMENTAL	2,400	1	20		18	2		
	INTERMEDIATE	2,400	1	20		18	2		
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE		MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE NUMBERS					
					TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
New Jersey	FUNDAMENTAL		22,500	6	150					
	INTERMEDIATE									
	ADVANCED		5,310	4	59					
	LAB PROCEDURES		450	1	10					
	REFRESHER									
	OTHER (Specify)									
New Mexico	FUNDAMENTAL		24	12			80			
	INTERMEDIATE		20	1			65			
	ADVANCED		20	1		10	35			
	LAB PROCEDURES		40	1		3	20			
	REFRESHER									
	OTHER (Specify)	Chlorination	3	5			30			
New York	FUNDAMENTAL		25	1	15					
	INTERMEDIATE									
	ADVANCED									
	LAB PROCEDURE		30	1	15					
	REFRESHER									
	OTHER (Specify)	Act.Sludge Workshops OJT	30 6 22-44wks	2 4 2	35 120 36					
North Carolina	FUNDAMENTAL				220		220			
	INTERMEDIATE									
	ADVANCED									
	LAB PROCEDURES									
	REFRESHER									
	OTHER (Specify)									
North Dakota	FUNDAMENTAL		4,648	5	75		75		5	
	INTERMEDIATE		3,692	5	61		61			
	ADVANCED		32	1	3		3			
	LAB PROCEDURES		560	5			All attend lab courses			
	REFRESHER		32	1	3		3			
	OTHER (Specify)		2,750				55			

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
				TOTAL	MGMT.	PROCESS OPERATORS	LAB. PERS.	MAINT. PERS.	OTHERS
Ohio	FUNDAMENTAL	18,000	1	300		300			
	INTERMEDIATE								
	ADVANCED	8,100	1	150		150			
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify) St. Pers.	400	7	10	10				
	WW Workshop	1920	1	120		120			
Oklahoma	FUNDAMENTAL	6,570	14	375					
	INTERMEDIATE	3,450	1	115					
	ADVANCED	1,880	1	165					
	LAB PROCEDURES								
	REFRESHER	5,120	32	1280					
	OTHER (Specify)	21,600	9	180					
Oregon	FUNDAMENTAL	1,400	5	70		60		10	
	INTERMEDIATE	1,600	5	80	10	60		10	
	ADVANCED	800	5	40	30	10			
	LAB PROCEDURES	400	4	20			20		
	REFRESHER	100	1	5		5			
	OTHER (Specify)								
Pennsylvania	FUNDAMENTAL	15,000	30	750	30	660	30	30	
	INTERMEDIATE	5,000	10	250	10	220	10	10	
	ADVANCED	9,000	15	300	15	185	15	5	
	LAB PROCEDURES	3,600	8	120	3	100	15	2	
	REFRESHER	12,000	20	400	15	360	15	10	
	OTHER (Specify) MDTA	20,000	7	170	5	150	10	5	
Rhode Island	FUNDAMENTAL								
	INTERMEDIATE	80	1	20		16	2		2
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE NUMBERS					
				TOTAL	MGMT.	PROCESS OPERATORS	LAB PERS.	ENGRS.	OTHERS
South Carolina	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
South Dakota	FUNDAMENTAL	720	7	60	2	50		8	
	INTERMEDIATE	320	1	25	2	15	3	5	
	ADVANCED	200	1	15	3	6	6		
	LAB PROCEDURES	120	1	30	5	5	5		
	REFRESHER	50	1	25	5	10	10	5	
	OTHER (Specify)								
Tennessee	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Texas	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Utah	FUNDAMENTAL	1,140	3	100	25	70		5	
	INTERMEDIATE	900	3	90	25	65		0	
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								

WATER QUALITY [illegible]

STATE	TYPE OF [illegible]	MAN HOURS [illegible]	NUMBER [illegible]	EXPECTED ATTENDANCE BY NUMBERS					
				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Vermont	FUNDAMENTAL								
	INTERMEDIATE		1	60	15	45			
	ADVANCED		1	60					
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Virginia	FUNDAMENTAL	9,500	5	100		100			
	INTERMEDIATE	13,200	4	40		40			
	ADVANCED	13,000	5	80		80			
	LAB PROCEDURES	4,200	[illegible]	[illegible]			70		
	REFRESHER	400	1	30		30			
	OTHER (Specify)	1,920		100	100				
Washington	FUNDAMENTAL	70,400	[illegible]	40	-	-	-	-	40
	INTERMEDIATE	7,200	1	300	[illegible]	1[illegible]	20	40	
	ADVANCED	1,04[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		
	LAB PROCEDURES	900	2	[illegible]	-	[illegible]	20		
	REFRESHER	1,120	1	[illegible]	21	[illegible]	-	-	49
	OTHER (Specify) Sewer Maintenance	1,1[illegible]	[illegible]	[illegible]				[illegible]	
West Virginia	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER	2,000	1	[illegible]					
	OTHER (Specify)	8,967	1	[illegible]		[illegible]	[illegible]		
Wisconsin	FUNDAMENTAL	4,800	32	[illegible]		300			[illegible]
	INTERMEDIATE	6,400	32	[illegible]					
	ADVANCED	2,400	3	200	100	[illegible]	10		10
	LAB PROCEDURES	1,200	4	[illegible]	[illegible]		100		[illegible]
	REFRESHER	3,200	2	[illegible]	150				
	OTHER (Specify) Operator Instruction	1,000	1	6					6

WATER QUALITY MANAGEMENT TRAINING

STATE	TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE (NUMBER)					
				TOTAL	MGMT.	PLANT OPERATORS	LAB PERS.	[illegible]	OTHER
Wyoming	FUNDAMENTAL	960	3	40	10	30			
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)	The Video-Cassette training system will probably be under preparation in this plan year, including possible selected trial shakedown operation							
Guam	FUNDAMENTAL	6 weeks				2			
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Puerto Rico	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								
Virgin Islands	FUNDAMENTAL	40	1	20	8	12			
	INTERMEDIATE	40	1	20	8	12			
	ADVANCED	40	1	20	8	12			
	LAB PROCEDURES	40	1	1			1		
	REFRESHER	24	1	1			1		
	OTHER (Specify)								
	FUNDAMENTAL								
	INTERMEDIATE								
	ADVANCED								
	LAB PROCEDURES								
	REFRESHER								
	OTHER (Specify)								

CERTIFICATION OF WASTE TREATMENT PLANT OPERATORS

STATE	TYPE OF CERTIFICATION	TYPE OF FACILITY	NUMBER OF:			
			OPERATORS	FACILITIES WITH CERTIFIED OPERATORS	CERTIFIED OPERATORS	TO BE CERTIF. THIS YEAR
Alabama	Voluntary	Municipal	355	60	139	25
	Voluntary	Industrial	Unknown	3	4	Unk.
	Voluntary	State	Unknown	0	0	Unk.
	Voluntary	Federal	Unknown	5	10	Unk.
Alaska	Voluntary	Municipal				
	Voluntary	Industrial				
	Voluntary	State	(to be initiated this year)			
	Voluntary	Federal				
Arizona	Voluntary	Municipal	175	21	84	40
	Voluntary	Industrial	20	1	1	1
	Voluntary	State	10	0	0	3
	Voluntary	Federal	93	5	5	35
Arkansas	Mandatory	Municipal	346	255	284	20
	Mandatory	Industrial	160	45	30	50
	Mandatory	State	1	1	1	1
	Voluntary	Federal	2	1	5	-
Calif.	Voluntary	Municipal				
	Voluntary	Industrial		560	1,750	120-
	Voluntary	State		(includes total of all)		
	Voluntary	Federal				
Colorado	Voluntary	Municipal	Unknown	431	Unknown	
	Voluntary	Industrial	Unknown	Included		
	Voluntary	State	Unknown	Above		
	Voluntary	Federal	Unknown	"		
Conn.	Mandatory	Municipal		90	255	50
	Mandatory	Industrial		-	-	-
	Mandatory	State		14	14	3
	Voluntary	Federal		0	0	0
Delaware	Mandatory	Municipal	16	2	2	14
	Mandatory	Industrial	28	9	8	19
	Mandatory	State	3	-	-	3
	Voluntary	Federal	2	-	-	2
D.C.	N/A	Municipal				
		Industrial				
		State				
		Federal				
Florida	Voluntary	Municipal				
	Voluntary	Industrial				
	Voluntary	State				
	Voluntary	Federal				
Georgia	Mandatory	Municipal	1000	0	0	706
	Mandatory	Industrial	N/A	0	0	0
	Mandatory	State	30	0	0	25
	Voluntary	Federal	50	0	0	25

CERTIFICATION OF WASTE TREATMENT PLANT OPERATORS

STATE	TYPE OF CERTIFICATION	TYPE OF FACILITY	NUMBER OF: OPERATORS	FACILITIES WITH CERTIFIED OPERATORS	CERTIFIED OPERATORS	TO BE CERTIF. THIS YEAR
Hawaii	Voluntary	Municipal				
	Voluntary	Industrial				
	Voluntary	State				
	Voluntary	Federal				
Idaho	Voluntary	Municipal	225	37	101	35
	Voluntary	Industrial	75	10	12	17
	Voluntary	State	1	0	0	0
	Voluntary	Federal	5	2	2	0
Illinois	Mandatory	Municipal	1300	664	1210	50
	Mandatory	Industrial	150	60	72	50
	Mandatory	State	75	26	58	10
	Voluntary	Federal	50	20	30	10
Indiana	Mandatory	Municipal	800	240	453	110
	Mandatory	Industrial	750	465	561	125
	Mandatory	State	44	35	30	5
	Voluntary	Federal	10	2	2	2
Iowa	Voluntary	Municipal	2000		1095	103
	Voluntary	Industrial	900		109	--
	Voluntary	State	60		54	--
	Voluntary	Federal	--		--	--
Kansas	Voluntary	Municipal	525	90	190	33
	Voluntary	Industrial	--	0	0	0
	Voluntary	State	--	0	0	0
	Voluntary	Federal	--	0	0	0
Kentucky	Mandatory	Municipal	--	155	283	20
	Mandatory	Industrial	--	17	19	100
	Mandatory	State	--	37	38	5
	Voluntary	Federal	--	12	12	
Louisiana	Voluntary	Municipal	325	50	75	100
	Voluntary	Industrial	11	2	2	2
	Voluntary	State	13	3	3	2
	Voluntary	Federal	10	3	4	2
Maine	Mandatory	Municipal	70	All	70	Unk.
	None	Industrial	--	--	--	--
	Mandatory	State	11	8	11	Unk.
	None	Federal	--	--	--	--
Maryland	Mandatory	Municipal	380	135	182	270
	Mandatory	Industrial	200	0	0	200
	Mandatory	State	30	20	22	8
	Voluntary	Federal	40	4	5	33
Mass.	Mandatory	Municipal		To be initiated this year.		
	Mandatory	Industrial				
	Mandatory	State				
	Voluntary	Federal				

CERTIFICATION OF WASTE TREATMENT PLANT OPERATORS

STATE	TYPE OF CERTIFICATION	TYPE OF FACILITY	NUMBER OF:			
			OPERATORS	FACILITIES WITH CERTIFIED OPERATORS	CERTIFIED OPERATORS	TO BE CERTIF. THIS YEAR
Michigan	Mandatory	Municipal	1600	313	920	100
	Mandatory	Industrial	Unknown	300	460	200
		State	40	10	--	--
		Federal	--	--	--	--
Minnesota	Mandatory	Municipal	1200	198	451	800
	Mandatory	Industrial	150	10	10	10
	Mandatory	State	50	7	7	10
	Voluntary	Federal	25	3	3	2
Miss.	None	Municipal				
	None	Industrial				
	None	State				
	None	Federal				
Missouri	Voluntary	Municipal	1500	410	1080	100
		Industrial				
		State				
		Federal				
Montana	Mandatory	Municipal	240	137	238	20
	Mandatory	Industrial	169	47	169	10
	Mandatory	State	17	5	17	1
	Voluntary	Federal	Unk.	0	0	0
Nebraska	Voluntary	Municipal	550	100	150	25
		Industrial				
		State				
		Federal				
Nevada	Voluntary	Municipal	70	7	35	18
	Voluntary	Industrial	15			
	Voluntary	State	2			
	Voluntary	Federal	10			1
New Hamp.	Mandatory	Municipal	36	9	10	10
	Mandatory	Industrial	28	1	1	2
	Mandatory	State	3	0	0	0
	Voluntary	Federal	2	1	6	0
New Jersey	Mandatory	Municipal	507	420	507	15
	Mandatory	Industrial	179	179	179	5
	Mandatory	State	34	29	34	1
	Voluntary	Federal	7	7	7	1
New Mex.	Voluntary	Municipal	198	55	107	35
	Voluntary	Industrial	--	--	--	--
	Voluntary	State	4	4	1	--
	Voluntary	Federal	--	--	--	--
New York	Mandatory	Municipal	477	423	2434	200
	--	Industrial				
	Mandatory	State	80.	70	120	5
	--	Federal				

CERTIFICATION OF WASTE TREATMENT PLANT OPERATORS

STATE	TYPE OF CERTIFICATION	TYPE OF FACILITY	NUMBER OF:			
			OPERATORS	FACILITIES WITH CERTIFIED OPERATORS	CERTIFIED OPERATORS	TO BE CERTIF. THIS YEAR
N. C.	Voluntary	Municipal	Unknown	184	211	Unk.
	Voluntary	Industrial	"	96	114	"
	Voluntary	State	"	Unknown	Unknown	"
	Voluntary	Federal	"	"		"
N.D.	Mandatory	Municipal	275	22	35	20
	Mandatory	Industrial	15	0	0	2
	Mandatory	State	12	0	0	2
	Voluntary	Federal	30	2	4	4
Ohio	Mandatory	Municipal	Unknown	445	1288	150
	Mandatory	Industrial	700	40	109	Unk
	Mandatory	State	Unknown	46	53	Unk
	Voluntary	Federal	Unknown	Unknown	2	Unk
Oklahoma	Mandatory	Municipal				
	Mandatory	Industrial				
	Mandatory	State				
	Voluntary	Federal				
Oregon	Voluntary	Municipal	425	135	246	40
	Voluntary	Industrial	-	-	-	-
	Voluntary	State	5	2	2	-
	Voluntary	Federal	20	5	5	-
Penna.	Mandatory	Municipal	3700	0	0	2700
	---	Industrial	--	0	0	--
	Mandatory	State	240	0	0	240
	Voluntary	Federal	60	0	0	60
Rh. Island	Voluntary	Municipal	90	13	32	Unknown
	Voluntary	Industrial	-	-	-	"
	Voluntary	State	7	2	2	"
	Voluntary	Federal	7	0	0	"
S. C.	Mandatory	Municipal			94	
	Mandatory	Industrial			165	
	Mandatory	State			50	
	Voluntary	Federal				
S. D.	Mandatory	Municipal	180	39	89	10
	Mandatory	Industrial	31	0	0	0
	Mandatory	State	10	3	3	0
	Voluntary	Federal	25	4	10	2
Tennessee	Voluntary	Municipal	662	191	267	52
	None	Industrial	3	704	3	0
	Voluntary	State	46	30	21	2
	Voluntary	Federal	48	10	15	3
Texas	Mandatory	Municipal				
	Mandatory	Industrial				
	Mandatory	State				
	Voluntary	Federal				

CERTIFICATION OF WASTE TREATMENT PLANT OPERATORS

STATE	TYPE OF CERTIFICATION	TYPE OF FACILITY	NUMBER OF:			
			OPERATORS	FACILITIES WITH CERTIFIED OPERATORS	CERTIFIED OPERATORS	TO BE CERTIF. THIS YEAR
Utah	Voluntary	Municipal	108	22	66	10
	Voluntary	Industrial	9	1	1	0
	Voluntary	State	2	0	1	0
	Voluntary	Federal	9	0	0	0
Vermont	Voluntary	Municipal			total of 25	
	Voluntary	Industrial				
	Voluntary	State				
	Voluntary	Federal				
Virginia	Mandatory	Municipal				
	Mandatory	Industrial				
	Mandatory	State			262	All
	Voluntary	Federal				
Wash.	Voluntary	Municipal	800	120	475	40
	Voluntary	Industrial	Unk	3	3	10
	Voluntary	State	Unk	3	3	2
	Voluntary	Federal	Unk	8	16	2
West.Va.	Voluntary	Municipal	Unknown	190	212	30
	Voluntary	Industrial	"	Unknown	3	Unknown
	Voluntary	State	"	1	1	31
	Voluntary	Federal	"	2	2	Unknown
Wisconsin	Mandatory	Municipal	1150	615	926	200
	Mandatory	Industrial	75	45	45	30
	Mandatory	State	9	9	9	-
	Voluntary	Federal	14	-	14	-
Wyoming	None	Municipal				
	None	Industrial				
	None	State				
	None	Federal				
Guam	None	Municipal				
	None	Industrial				
	None	State				
	None	Federal				
Puerto Ric	None	Municipal				
	None	Industrial				
	None	State				
	None	Federal				
Vir. Isl.	None	Municipal	9			
	None	Industrial	2			
	None	State				
	None	Federal				
		Municipal				
		Industrial				
		State				
		Federal				

SUMMARY OF STATE CERTIFICATION

TYPE OF PLANT	MANDATORY	VOLUNTARY	NONE
Municipal	CT ME VA	AL KS WA	DC
	DE NH WI	AK MO	MS
	GA NJ WV	AZ NB	WY
	IL NY AR	AR NV	GU
	IN ND	CA NM	PR
	KY OH	CO NC	VI
	MD OK	HI OR	
	MA PA	ID RI	
	MI SC	IW TN	
	MN SD 26	FL UT 23	6
	MT TX	LA VT	
Industrial	CT MN TX	AL IW UT	DC PR
	DE MT VA	AK KS VT	MS VI
	GA NH WI	AZ LA WA	MO
	IL NJ WV	AR ME	NB
	IN ND AR	CA NV	NY
	KY OH	CO NM	PA
	MD OK	HI NC	TN
	MS SC	FL OR	WY
	MI SD 23	ID RI 21	GU 11
State	CT MN SD	AL KS WA	DC VI
	DE MT TX	AK LA	MI
	GA NH VA	AZ NV	MS
	IL NJ WI	AR NM	MO
	IN NY WV	CA NC	NB
	KY ND AR	CO OR	WY
	ME OH	FL RI	GU
	MD OK	HI TN	PR
	MA PA	ID UT	
	SC 25	IN VT 21	9
Federal		AL IL NJ VT	DC VI
		AK IN NM VA	MI
		AZ IW NC WA	MS
		AR KS ND WV	MO
		CA KY OH WI	NB
		CO LA OK	NY
		CT MD OR	PA
		DE MA RI	ME
		FL MN SC	TX
		GA MT SD	WY
		HI NV TN	GU
		ID NH UT 41	PR 13

INSPECTIONS/REPORTING/PERMITTING
OF TREATMENT PLANTS

In order to assure that the waste treatment plants are performing to their fullest potential, inspection, reporting, and permitting programs are carried out by the States. These programs provide the means for determining if the water quality criteria of the State are being met and what actions if any are needed to correct operating inadequacies.

The following tabulations indicate that inspection programs are carried out in 46 States; that monthly operating reports are required by 40 States; and that 35 States have some type of permit program.

INSPECTIONS/REPORTING/PERMITTING OF TREATMENT PLANTS

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Alabama	TOTAL NUMBER OF DISCHARGES	241	282	15	24	561
	TOTAL NUMBER OF TREATMENT FACILITIES	219	282	15	24	539
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	201	282	14		515
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	180	200	15	24	380
	TOTAL NUMBER OF INSPECTIONS	180	200	15	24	418
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	176	254	13		443
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	19	70	0		89
	REPORTING FREQUENCY	Monthly	Monthly	None	None	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	-	-	-	-
	ESTIMATED NUMBER OF PERMIT VIOLATIONS	-	-	-	-	-
Alaska	TOTAL NUMBER OF DISCHARGES			6	Unknown	Unknown
	TOTAL NUMBER OF TREATMENT FACILITIES	12	14	6	Unknown	Unknown
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	0	3	0		3
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	15	11	6	n/a	32
	TOTAL NUMBER OF INSPECTIONS	45	22	12	n/a	79
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	Unknown	Unknown	Unknown		Unknown
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	9	0	2	1	12
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	n/a	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	Unknown	Unknwon	Unknown	n/a	
	ESTIMATED NUMBER OF PERMIT VIOLATIONS	0	0	0	0	0

State	ITEM	TYPE OF FACILITY				
		[illegible]	[illegible]	[illegible]	[illegible]	TOTAL
Arizona	[illegible]	50	22	10	92	174
	[illegible]	50	20	10	40	100
	[illegible]					
	[illegible]					
	[illegible]					
	[illegible]					
	[illegible]	Annual				
	[illegible]					
	[illegible]					
	[illegible]					
Arkansas	[illegible]	220	171	10	4	413
	[illegible]	223	160	8	4	808
	[illegible]	219	160	8		387
	[illegible]	195	168	5	2	370
	[illegible]	215	180	6	2	403
	[illegible]	215	155	8		378
	[illegible]	7	14	0	0	21
	[illegible]	Monthly				
	[illegible]	15	4	1	0	20
	[illegible]	30	3	1		34

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
California	TOTAL NUMBER OF DISCHARGES	757	1500	21	72	2350
	TOTAL NUMBER OF TREATMENT FACILITIES	757	1400	21	72	2250
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	757	1300	21		2078
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	757	1400	21	72	2250
	TOTAL NUMBER OF INSPECTIONS	1200	1700	30	80	3010
	TOTAL FACILITIES IN COMPLIANCE WITH waste discharge requirements	685	1463	20		2168
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATION REPORTS	530	700	18	54	1302
	REPORTING FREQUENCY	Weekly	to	Yearly		
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING FINAL)	300	0	50	10	360
	[illegible]	76	500	2		578
Colorado	TOTAL NUMBER OF DISCHARGES	228	115	10	34	387
	TOTAL NUMBER OF TREATMENT FACILITIES	226	115	10	34	385
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	0	0	0		0
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	226	115	10	34	385
	TOTAL NUMBER OF INSPECTIONS	226	175	10	34	445
	TOTAL FACILITIES IN COMPLIANCE WITH PERMITS	n/a	n/a	n/a		n/a
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATION REPORTS	75	-	0	10	-
	REPORTING FREQUENCY	Monthly	-	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING FINAL)	-	15	-		-
	[illegible]	n/a	n/a	n/a		n/a

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		TYPE OF FACILITY			TOTAL
		INDUSTRIAL	STATE	FEDERAL	
Connecticut	99	345	20	4	468
	90	256	20	4	370
	90	256	n/a		346
	90	256	20	4	370
	650	600	60	12	1322
	90	227	n/a		317
	85	-	17	n/a	102
	Monthly	-	Monthly	n/a	-
	200	200	-	n/a	400
	90	130	n/a		220
Delaware	16	28	3	2	49
	16	28	3	2	49
	16	28	3		47
	16	28	3	2	49
	100	200	36	12	348
	16	25	3		44
	16	-	1	-	17
	Monthly	-	Monthly	-	-
	- -	-	-	-	-
	16	28	3		47

State	ITEM	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	TOTAL
District of Columbia	TOTAL NUMBER OF DISCHARGES					
	TOTAL NUMBER OF TREATMENT FACILITIES		13	0	10	23
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS		13		10	23
	TOTAL NUMBER OF INSPECTIONS					
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
	REPORTING FREQUENCY					
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)					
	PLANNED NUMBER OF PERMIT REVIEWS		13			13
Florida	TOTAL NUMBER OF DISCHARGES					
	TOTAL NUMBER OF TREATMENT FACILITIES	1943	443	30	50	4466
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	103	40	20		163
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	720	300	10	20	1050
	TOTAL NUMBER OF INSPECTIONS	-	-	-	-	-
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	1200	200	20		1420
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	400	300	0	10	710
	REPORTING FREQUENCY	Monthly	Monthly	-	-	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	50	50	-	-	100
	PLANNED NUMBER OF PERMIT REVIEWS	1700	350	10		2060

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Georgia	TOTAL NUMBER OF DISCHARGES	449	375	3	12	839
	TOTAL NUMBER OF TREATMENT FACILITIES	428	191	3	12	634
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	331	191	1		523
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	250	120	2	3	375
	TOTAL NUMBER OF INSPECTIONS	300	150	2	3	473
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	283	95	0		378
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING RECORDS	94	150	2	0	246
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	On Request	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	50	0	0	0	50
	PLANNED NUMBER OF PERMIT REVIEWS	100	All	1		101+
Hawaii	TOTAL NUMBER OF DISCHARGES					
	TOTAL NUMBER OF TREATMENT FACILITIES					
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS					
	TOTAL NUMBER OF INSPECTIONS					
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING RECORDS					
	REPORTING FREQUENCY					
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)					
	PLANNED NUMBER OF PERMIT REVIEWS					

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Idaho	TOTAL NUMBER OF DISCHARGES	98	65	1	2	166
	TOTAL NUMBER OF TREATMENT FACILITIES	90	65	1	2	158
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	20	30	1		51
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	90	65	1	2	158
	TOTAL NUMBER OF INSPECTIONS	180	130	2	4	316
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	90	65	1		156
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	20	30	0	-	50
	REPORTING FREQUENCY	Monthly				
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	15	10	-	-	-
	PLANNED NUMBER OF PERMIT REVIEWS	-	-	-		-
Illinois	TOTAL NUMBER OF DISCHARGES	1496	2556	92	50	4194
	TOTAL NUMBER OF TREATMENT FACILITIES	730	275	43	26	1074
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	949	656	92		1697
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	730	275	43	26	1048
	TOTAL NUMBER OF INSPECTIONS	589	211	41	21	862
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	570	100	30	5	705
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	30	5	5	0	40
	PLANNED NUMBER OF PERMIT REVIEWS	1233	2800	34		4067

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Indiana	TOTAL NUMBER OF DISCHARGES	317	Unk	44	10	371+
	TOTAL NUMBER OF TREATMENT FACILITIES	268	950	44	10	1272
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	n/a	n/a	n/a		
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	268	700	44	8	1020
	TOTAL NUMBER OF INSPECTIONS	1070	1250	176	-	2496
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	225	850	35		1110
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	229	135	35	2	401
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	30	50	-	-	80
	PLANNED NUMBER OF PERMIT REVIEWS	180	225	5		410
Iowa	TOTAL NUMBER OF DISCHARGES	980	900	60	2	1942
	TOTAL NUMBER OF TREATMENT FACILITIES	986	900	60	2	1948
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	980	800	60		1840
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	500	100	-	-	600
	TOTAL NUMBER OF INSPECTIONS	-	-	-	-	-
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	830	700	60		1590
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	425	-	-	-	425
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	-	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	-	-	-	-
	PLANNED NUMBER OF PERMIT REVIEWS	100	50	-		150

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Kansas	TOTAL NUMBER OF DISCHARGES					
	TOTAL NUMBER OF TREATMENT FACILITIES	457	125	11	8	601
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	453				~~453~~
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	435	111	11	8	565
	TOTAL NUMBER OF INSPECTIONS	~~32~~	78	5	8	123
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	457	125	16		598
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	22	14	1	1	38
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	0	0	0	0	0
	PLANNED NUMBER OF PERMIT REVIEWS	350	48	3		401
Kentucky	TOTAL NUMBER OF DISCHARGES	206	218	56	33	513
	TOTAL NUMBER OF TREATMENT FACILITIES	189	207	56	30	482
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	189	200	56		445
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	189	160	55	10	414
	TOTAL NUMBER OF INSPECTIONS	457	1280	75	15	1827
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	189	200	-		389
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	145	-	25	-	170
	REPORTING FREQUENCY	Monthly	On Req.est	Monthly	On Request	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	100	-	-	-	100
	PLANNED NUMBER OF PERMIT REVIEWS	All Permits Reviewed Annually				

State	ITEM	TYPE OF FACILITY: MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	TOTAL
Louisiana	TOTAL NUMBER OF DISCHARGES	287		16		
	TOTAL NUMBER OF TREATMENT FACILITIES	300		13		
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	n/a				
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	300		16		
	TOTAL NUMBER OF INSPECTIONS	300		16		
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	n/a				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	45		1		
	REPORTING FREQUENCY	Monthly				
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	20		3		
	PLANNED NUMBER OF PERMIT REVIEWS	n/a				
Maine	TOTAL NUMBER OF DISCHARGES					
	TOTAL NUMBER OF TREATMENT FACILITIES	44	23	9	7	83
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT					190+
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	44	20	9	7	80
	TOTAL NUMBER OF INSPECTIONS	88	40	18	14	160
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	40	3	2	2	47
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	3 times each	n/a	3	n/a	200
	PLANNED NUMBER OF PERMIT REVIEWS	10	50 State 300 C of E	n/a		300 to 400

[illegible]	[illegible]	[illegible]				TOTAL
		[illegible]	[illegible]	[illegible]	[illegible]	
Maryland	[illegible]	--				
	[illegible]	313	578	26	36	953
	[illegible]	313	578	26		917
	[illegible]	270	693	25	35	1023
	[illegible]	650	1156	50	70	1926
	[illegible]	288	409	25		722
	[illegible]	60	18	6	5	89
	[illegible]	Monthly	Quarterly	Monthly	Monthly	
	[illegible]	--				
	[illegible]	--				
Massachusetts	[illegible]	74	83	18	11	186
	[illegible]	81+	83+	22	14	200+
	[illegible]	74	83	18		175
	[illegible]	88	115	22	14	239
	[illegible]	880	460	220	140	1700
	[illegible]	74	83	18		175
	[illegible]	62	27	5	1	95
	[illegible]	Monthly	Semi-monthly	Mthly	Monthly	-
	[illegible]	50	70	2	0	122
	[illegible]	7	36	2		45

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Michigan	TOTAL NUMBER OF DISCHARGES	313	1013	--	--	1326
	TOTAL NUMBER OF TREATMENT FACILITIES	313	585	10	5	913
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	313	337	10		660
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	313	585	20	10	928
	TOTAL NUMBER OF INSPECTIONS	600	2000	10	--	2630
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	313	243	10		566
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	313	300	10	0	623
	REPORTING FREQUENCY	Monthly	Monthly	Monthly		
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	100	---	0	0	100
	PLANNED NUMBER OF PERMIT REVIEWS	1000	150	--		1150
Minnesota	TOTAL NUMBER OF DISCHARGES	487	762	16	19	1284
	TOTAL NUMBER OF TREATMENT FACILITIES	464	453	16	19	952
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	-	147	-		147
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	464	150	-	-	614
	TOTAL NUMBER OF INSPECTIONS	928	-	-	-	928
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-	147	-		147
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	255	100	14	1	370
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	-	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	-	35	-		35
	PLANNED NUMBER OF PERMIT REVIEWS	-	65	-	-	65

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Mississippi	TOTAL NUMBER OF DISCHARGES	-				
	TOTAL NUMBER OF TREATMENT FACILITIES	255	88	unk	unk	343
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	251	131	3		385
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	20	60	0	0	80
	TOTAL NUMBER OF INSPECTIONS	20	60	0	0	80
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	251	121	3		375
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	5	9	0	0	14
	REPORTING FREQUENCY	Monthly	Monthly	-	-	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	10	0	1	0	11
	PLANNED NUMBER OF PERMIT REVIEWS	68	65	2		135
Missouri	TOTAL NUMBER OF DISCHARGES					
	TOTAL NUMBER OF TREATMENT FACILITIES					
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS					
	TOTAL NUMBER OF INSPECTIONS					
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
	REPORTING FREQUENCY					
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)					
	PLANNED NUMBER OF PERMIT REVIEWS					

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Montana	TOTAL NUMBER OF DISCHARGES	133	53	6	unk	192
	TOTAL NUMBER OF TREATMENT FACILITIES	141	65	6	unk	212
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	131	53	6		190
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	141	50	6	5	202
	TOTAL NUMBER OF INSPECTIONS	180	60	10	5	255
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	21	12	4		37
	OTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	70	20	6	3	99
	REPORTING FREQUENCY	Mthly-Ann.	Monthly	M-A	Annual	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	20	10	0	0	30
	PLANNED NUMBER OF PERMIT REVIEWS	40	53	2		95
Nebraska	TOTAL NUMBER OF DISCHARGES	450	85	20	8	563
	TOTAL NUMBER OF TREATMENT FACILITIES	450	85	20	8	563
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	-				
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	450	85	20	8	563
	TOTAL NUMBER OF INSPECTIONS	900	170	40	16	1126
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	-				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	4	1	0	0	5
	REPORTING FREQUENCY	Monthly	Weekly	-	-	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	--				
	PLANNED NUMBER OF PERMIT REVIEWS	--				

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Nevada	TOTAL NUMBER OF DISCHARGES					
	TOTAL NUMBER OF TREATMENT FACILITIES	39	10	1	6	56
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	39	4	1	3	47
	TOTAL NUMBER OF INSPECTIONS	85	4	2	4	95
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	37	9			46
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	7	0	0	0	7
	REPORTING FREQUENCY		Monthly			
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	20	1	1		22
	PLANNED NUMBER OF PERMIT REVIEWS	5				5
New Hampshire	TOTAL NUMBER OF DISCHARGES	38	28	2	2	70
	TOTAL NUMBER OF TREATMENT FACILITIES	40	28	3	2	73
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	--				
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	40	28	3	2	73
	TOTAL NUMBER OF INSPECTIONS	280	54	10	6	350
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	--				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	30	8	2	0	40
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	--				
	PLANNED NUMBER OF PERMIT REVIEWS	--				

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
New Jersey	TOTAL NUMBER OF DISCHARGES	594	199	28	35	856
	TOTAL NUMBER OF TREATMENT FACILITIES	594	165	28	35	822
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	594	164	28		786
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	594	165	28	28	815
	TOTAL NUMBER OF INSPECTIONS	1188	330	56	56	1630
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	448	139	23		610
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	586	150	26	13	775
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	---				
	PLANNED NUMBER OF PERMIT REVIEWS	25	14	1		40
New Mexico	TOTAL NUMBER OF DISCHARGES	89	60 to 90	5	5	158 to 188
	TOTAL NUMBER OF TREATMENT FACILITIES	89	40	4	5	138
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	NO STATE PERMIT SYSTEM				
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	50	25	4	5	84
	TOTAL NUMBER OF INSPECTIONS	50	25	4	5	84
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	--				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	0	2	0	0	2
	REPORTING FREQUENCY	n/a	Semi-Annual	n/a	n/a	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	15	10	0	0	25
	PLANNED NUMBER OF PERMIT REVIEWS	NO STATE PERMIT SYSTEM				

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
New York	TOTAL NUMBER OF DISCHARGES	561	1000	83	79	1723
	TOTAL NUMBER OF TREATMENT FACILITIES	484	150	79	28	741
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	484	350	54		888
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	476	220	69	26	791
	TOTAL NUMBER OF INSPECTIONS	1213	300	131	35	1679
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	370	120	53		543
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	437	100	66	22	625
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	--
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	377	30	2	0	409
	PLANNED NUMBER OF PERMIT REVIEWS	100	30	0		140
North Carolina	TOTAL NUMBER OF DISCHARGES	499	509	41	-	1049
	TOTAL NUMBER OF TREATMENT FACILITIES	495	421	34	-	950
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	418	366	==		784
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	250	391	14	-	655
	TOTAL NUMBER OF INSPECTIONS	228	772	7	-	1007
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	370	278	-		648
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	189	57	34	-	280
	REPORTING FREQUENCY	Monthly	Monthly	-	-	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	16	11	-	-	27
	PLANNED NUMBER OF PERMIT REVIEWS	93	150	-		243

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
North Dakota	TOTAL NUMBER OF DISCHARGES	244	17	2	4	267
	TOTAL NUMBER OF TREATMENT FACILITIES	244	17	2	4	267
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	No Permit System				
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	125	8	2	4	143
	TOTAL NUMBER OF INSPECTIONS	125	8	2	4	143
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	No Permit System				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	-	7	1	4	12
	REPORTING FREQUENCY	Varies	Monthly	--	Monthly	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	Not a routine practice by agency				
	PLANNED NUMBER OF PERMIT REVIEWS	No Permit System				
Ohio	TOTAL NUMBER OF DISCHARGES	Unk	Unknown	46	Unk	Unknown
	TOTAL NUMBER OF TREATMENT FACILITIES	834	654	46	Unk	1534
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	811	833	46		1690
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	834	654	46	0	1534
	TOTAL NUMBER OF INSPECTIONS	1079	1100	60	0	2239
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	758	809	46		1613
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	460	500	20	0	980.
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	None	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)					
	PLANNED NUMBER OF PERMIT REVIEWS	811	833	46		1878

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Oklahoma	TOTAL NUMBER OF DISCHARGES	420	197	32	9	658
	TOTAL NUMBER OF TREATMENT FACILITIES	420	197	32	9	658
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	420	197	32		649
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	375	197	32	6	630
	TOTAL NUMBER OF INSPECTIONS	750	1000	64	6	1820
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	420	197	32		649
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	207	4	25	2	238
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	-	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	AS NEEDED				
	PLANNED NUMBER OF PERMIT REVIEWS	415	286	6		707
Oregon	TOTAL NUMBER OF DISCHARGES	269	429	5	20	723
	TOTAL NUMBER OF TREATMENT FACILITIES	261	75	5	20	361
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	245	278	5		528
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	261	200	5	20	486
	TOTAL NUMBER OF INSPECTIONS	390	300	10	20	720
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	230	260	5		495
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	240	50	5	9	304
	REPORTING FREQUENCY	Monthly	Wkly-Mthly	Monthly	-	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	20	-	-	-	20
	PLANNED NUMBER OF PERMIT REVIEWS	120	160	2		282

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Pennsylvania	TOTAL NUMBER OF DISCHARGES	1860	2000	110	30	4000
	TOTAL NUMBER OF TREATMENT FACILITIES	1790	1600	110	30	3530
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	1790	1000	110		2900
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	1790	2000	110	30	3930
	TOTAL NUMBER OF INSPECTIONS	3580	5000	220	60	8860
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	1462	1400	90		2952
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	1500	1000	75	0	2575
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	--				
	PLANNED NUMBER OF PERMIT REVIEWS	570	112	3		685
Rhode Island	TOTAL NUMBER OF DISCHARGES	13	21	5	2	41
	TOTAL NUMBER OF TREATMENT FACILITIES	13	21	5	2	51
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	--				
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	13	25	5	2	45
	TOTAL NUMBER OF INSPECTIONS	127	96	31	12	266
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	--				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	13	5	5	2	25
	REPORTING FREQUENCY	Monthly	Annual	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	--				
	PLANNED NUMBER OF PERMIT REVIEWS	--				

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
South Carolina	TOTAL NUMBER OF DISCHARGES	--				
	TOTAL NUMBER OF TREATMENT FACILITIES	233	359	105	20	717
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	212	328	86	14	640
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	249	425	204	38	916
	TOTAL NUMBER OF INSPECTIONS	638	1063	510	95	2306
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	--				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	--				
	REPORTING FREQUENCY	n/a				
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	--				
	PLANNED NUMBER OF PERMIT REVIEWS	--				
South Dakota	TOTAL NUMBER OF DISCHARGES	209	34	17	-	268
	TOTAL NUMBER OF TREATMENT FACILITIES	208	24	17	-	249
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	204	23	17		244
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	50	5	0	-	55
	TOTAL NUMBER OF INSPECTIONS	--				
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	120	10	17		147
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	120	8	17	-	144.
	REPORTING FREQUENCY	Qtrly/Mthly	Q-M	Q-M	Q-M	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	12	4	2	0	18
	PLANNED NUMBER OF PERMIT REVIEWS	204	23	17		244

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Tennessee	TOTAL NUMBER OF DISCHARGES	240	401	30	56	727
	TOTAL NUMBER OF TREATMENT FACILITIES	240	361	30	--	631
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	72	191	15		278
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	240	401	30	--	671
	TOTAL NUMBER OF INSPECTIONS	240	401	30	--	671
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	65	149	28		242
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	216	125	30	--	371
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	100	20	6	-	126
	PLANNED NUMBER OF PERMIT REVIEWS	240	401	30		671
Texas	TOTAL NUMBER OF DISCHARGES	2000	1050	33	27	3110
	TOTAL NUMBER OF TREATMENT FACILITIES	1700	900	33	27	2660
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	1135	768	21	21	1945
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	2000	1000	33	27	3060
	TOTAL NUMBER OF INSPECTIONS	1934	1759	13	27	3733
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	578	325	--		903
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	761	442	--	--	1203
	REPORTING FREQUENCY	Mthly/Qtrly	M- Q	--	--	--
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	170	unk	--	--	170
	PLANNED NUMBER OF PERMIT REVIEWS	2000	1000	--		3000

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Utah	TOTAL NUMBER OF DISCHARGES	121	339	2	9	471
	TOTAL NUMBER OF TREATMENT FACILITIES	54	127	2	9	202
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	100	254	2		356
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	64	110	2	9	185
	TOTAL NUMBER OF INSPECTIONS	110	60	2	9	181
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	83	222	1		306
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	42	32	1	1	76
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	4	2	0	0	6
	PLANNED NUMBER OF PERMIT REVIEWS	100	150	0		250
Vermont	TOTAL NUMBER OF DISCHARGES	--				
	TOTAL NUMBER OF TREATMENT FACILITIES	55	13	8	1	77
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	--				
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	52	13	8	2	73
	TOTAL NUMBER OF INSPECTIONS	104	26	16	2	150
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	--				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	52	13	3	--	68
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	None	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	53				
	PLANNED NUMBER OF PERMIT REVIEWS					

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Virginia	TOTAL NUMBER OF DISCHARGES	314	375	71	50	810
	TOTAL NUMBER OF TREATMENT FACILITIES	304	350	65	50	810
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	306	375	71		760
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	200	300	30	25	555
	TOTAL NUMBER OF INSPECTIONS	500	600	40	25	1165
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	269	75%	71		
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	247	120	14	2	383
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	40	30			70
	PLANNED NUMBER OF PERMIT REVIEWS	100	200	15		315
Washington	TOTAL NUMBER OF DISCHARGES	330	1040	15	47	1432
	TOTAL NUMBER OF TREATMENT FACILITIES	330	1040	15	47	1432
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	0	1040	0		1040
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	330	1040	Unk	Unk	1370+
	TOTAL NUMBER OF INSPECTIONS	420	1250	Unk	Unk	1670+
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	N/A	935	N/A		935
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	170	61	0	0	231
	REPORTING FREQUENCY	Monthly	Variable	N/A	N/A	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	Variable	Variable			
	PLANNED NUMBER OF PERMIT REVIEWS	0	255	0		255

State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
West Virginia	TOTAL NUMBER OF DISCHARGES	180	550	12	unk	742
	TOTAL NUMBER OF TREATMENT FACILITIES	128	491	12	unk	631
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	128	491	12		631
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	128	491	12	unk	631
	TOTAL NUMBER OF INSPECTIONS	128	491	12	unk	631
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	128	491	12		631
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	128	425	12	1	566
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	0	128	0	0	128
	PLANNED NUMBER OF PERMIT REVIEWS	52	59	0		111
Wisconsin	TOTAL NUMBER OF DISCHARGES	650	600	12	11	1273
	TOTAL NUMBER OF TREATMENT FACILITIES	647	515	12	11	1185
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	647	489	12		1148
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	650	500	12	11	1173
	TOTAL NUMBER OF INSPECTIONS	1300	1000	12	11	2323
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	n/a				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	500	260	5	1	766
	REPORTING FREQUENCY	Monthly	Monthly	Monthly	Monthly	-
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	200	50	0	n/a	250
	PLANNED NUMBER OF PERMIT REVIEWS	140	600	0		740

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			YPE OF FACILITY			TOTAL
			NDUSTRIAL	STATE	FEDERAL	
		82	8	8	9	107
		80	7	8	9	104
		No Permits Required				
		75	8	8	9	100
		100	20	10	10	140
Wyoming	xxxxxxxxxx	79	7	8		94
		None				
		None				
		6	-	-	-	6
		No Permits				
		-	-	5	7	12
			1	1	1	3
		-	1	1		2
			2	1		3
			2	1		3
Guam		--	1	1		2
		--				
		--				
			10	-	-	10
			10	9		19

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State	ITEM	TYPE OF FACILITY				TOTAL
		MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
Puerto Rico	TOTAL NUMBER OF DISCHARGES	86	1100	8	unk	1194
	TOTAL NUMBER OF TREATMENT FACILITIES	86	10	8	unk	104
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	--	10	--		10
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	86	10	8	unk	104
	TOTAL NUMBER OF INSPECTIONS	172	20	16	unk	203
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	n/a				
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	86	0	0	unk	86
	REPORTING FREQUENCY	Monthly	n/a	n/a	n/a	
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	6	unk	0	unk	6
	PLANNED NUMBER OF PERMIT REVIEWS	6	350	unk		350
Virgin Islands	TOTAL NUMBER OF DISCHARGES	15	4	-	-	19
	TOTAL NUMBER OF TREATMENT FACILITIES	9	2	-	-	11
	TOTAL NUMBER OF DISCHARGES UNDER PERMIT	15	4	-	-	19
	NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS	15	4	-	-	19
	TOTAL NUMBER OF INSPECTIONS	180	48	-	-	228
	TOTAL FACILITIES IN COMPLIANCE WITH PERMIT	9	4	-		13
	TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS	--				
	REPORTING FREQUENCY	--				
	TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION (INCLUDING SEWERS)	80	-	-	-	80
	PLANNED NUMBER OF PERMIT REVIEWS	15	4	-		19

ENFORCEMENT ACTIONS

Enforcement functions are those carried out in preparing a formal regulatory action through coordination and use of data and information from surveillance, water quality criteria, planning, and water pollution control facilities elements ranging from hearings to proceedings in the appropriate court by the State's Attorney General.

The following tabulation indicates the enforcement actions by State to be continued and/or completed, and the number of anticipated actions during FY 1972.

ENFORCEMENT ACTIONS

STATE	TO BE UNDERTAKEN	TO BE CONTINUED	TO BE COMPLETED
Alabama	-	1	-
Alaska	-	-	-
Arizona	Unknown	-	-
Arkansas	17	-	-
California	60	41	20
Colorado	-	-	-
Connecticut	3	2	1
Delaware	10-15	-	-
D. C.	Unknown	3	-
Florida			
Georgia			
Hawaii			
Idaho			
Illinois	50-60		
Indiana	Unknown		
Iowa	20	-	5
Kansas	None		
Kentucky	-	1	-
Louisiana	Unknown	-	-
Maine	-	4	-
Maryland	12	8	2
Massachusetts	-	165	-
Michigan	Unknown	3	-
Minnesota	100	25	-
Mississippi	0	5	-
Missouri	14	-	-
Montana	2	-	-
Nebraska	-	9	-
Nevada	0	1	-
New Hampshire			
New Jersey	50	-	-
New Mexico	-	6	-
New York	Unknown	370	157
North Carolina	40	-	-
North Dakota	Unknown	-	1
Ohio	Unknown	103	-
Oklahoma	50	-	-
Oregon	3	-	-
Pennsylvania	Unknown	-	-
Rhode Island	-	-	-
South Carolina	Unknown	9	-
South Dakota	3	-	-
Tennessee	-	-	-
Texas	120	3	-
Utah	0	3	-
Vermont	Unknown	1	-
Virginia	14		5
Washington	168		
West Virginia	100	-	-
Wisconsin	130	-	-
Wyoming	0	-	-
Guam	-	-	1
Puerto Rico	-	1	-
Virgin Islands	0	-	-

R & D NEEDS

The following lists the research and development needs of the State in priority order as indicated by their FY 1972 programs. The needs vary from simply evaluation of progress on projects of interest to a complex program of contracts and in-house activities.

R & D NEEDS IN PRIORITY ORDER

STATE	FIRST	SECOND	THIRD	FOURTH	FIFTH
Alabama	None				
Alaska	None				
Arizona	None				
Arkansas	Restoration of a Brine-Polluted Aquifier	Feasibility of treating a domestic waste combined with an industrial waste of chlorophenolic character			
California	Feasibility study of acid mine drainage control	Study of underground water pollution	Animal waste investigation	Toxicity and brostinulation study	Waste treatment for heavy metals removal
Colorado	Acid mine drainage control and treatment	Methods of water management in irrigation to minimize or regulate salinity in return flows	Planning methodology for reg/basin water supply	Design criteria for surface disposal of effluent from individual home waste treatment systems	Design criteria for land disposal of secondary liquid effluent from municipal treatment
Connecticut	Location of outfalls	Advanced treatment			
Delaware	Ecological warning system	Wastewater reclamation through ground water recharge, irrigation, and industrial use	Effects of a regional waste treatment plant on the chloride profile of the Murderkill River and its effects on oyster beds		
D.C.	Pilot studies of advanced waste treatment processes	Instrumentation in process control			

Florida	Documentation of chemical, physical, biological, and bacteriological conditions in Choctawatchee Bay	Determining the cause, effect, and relationships of of increased number of algal blooms in Lake Okeechobee	Comprehensive documentation project on posthaste in St. Johns River	Improved automatic water monitoring system	Technique for clearing up lakes & estuaries where pollution has resulted in nuisance growth
Georgia	Prolific algal bloom				
Hawaii	None				
Idaho	Mine drainage	Package treatment plants	Year round land irrigation with sewage effluent in So. Idaho	Treatment methods	
Illinois	Septic Tanks	Lead in Water	Thermal Pollution	Viruses in Water	Cadmium
Indiana	2-Day Holding Lagoon	Rapid Sand Filtration	Aerated Lagoons	Inorganic Phosphate	Sludge
Iowa	Syrup Processing	Reduction in ammonia concentrations			
Kansas	Agricultural Wastes	Spray Irrigation			
Kentucky	Occurrence of Filamentous Slime Organism below outfalls				
Louisiana	None				
Maine	Methods of removal and recovery of	Removal of chrome	Oil identification and tagging	Lake eutorphication studies	
Maryland	None				

Massachusetts	Water quality monitors which communicate with computer	Septic tank wastes	Bioassays of oil dispersing chemicals	Joint treatment of wool scouring wastes and domestic	Alternate disposal of materials now dumped at sea
Michigan	Data Processing	Effects of Chlorinated effluents on Fish			
Minnesota	Monitoring of heavy metals	Determination of forms of heavy metals	Reverse osmosis applications to waste streams	The use of Fungi Imperfecti on paper wastes	Use of ion exchange type filters
Mississippi	Posibilities for improving the quality of wastewater treatment by lagoons	Wastes from penned animals	Feedlot wastes	Pesticide, herbicide, and fertilizer control	Catfish farming and processing
Missouri	Waste treatment municipal - water re-use projects	Storm water pollution control	Re-use of effluent from sewage treatment plants	Reclamation of acid mine lakes using sewage sludge	
Montana	Metals extraction industry	Practicable treatment for sewage where a high infiltration problem exists			
Nebraska	Pollution abatement from cattle feeders				
Nevada	None				
New Hampshire	None				
New Jersey	Management	Handling & Disposal of sludge	Effect upon ground water quality by land disposal of wastewater eff.	Comprehensive data on the Red Tide Phenomenon	

New Mexico	Seepage & effects of nitrates & other pollutants from animal feedlots into ground water	Methods of harvesting & utilizing algae from sewage treatment lagoons	Effects of seepage from oxidation ponds used to treat domestic waste	Survival and fate of viral organisms in waste water plant effluents	Effects of irrigation on levels of disolved nutrients in the Rio Grande and Pecos Rivers
New York	Waste treatment	Combined sewer and storm water pollution control	Joint municipal and industrial treatment systems	Removal of nitrogen compounds from from wastewaters	Pollutional effects of land run-off both urban and rural
North Carolina	Advance treatment for textile waste, meat and poultry processing waste & domestic sewage	Nutrient removal for textile wastes and metal plating waste	Treatment of vegetable picking processing wastes	Clinical data on fish mortality and cause thereof	Additional development of color removal techniques
North Dakota	Study wastes from cheese				
Ohio	Advanced waste treatment for small plants	Economical methods of nutrient removal	Solid disposal for municipal and industrial wastes	Correction of infiltration in sewerage systems	Economical methods of treatment of combined sewage from large systems
Oklahoma	Waste Treatment				
Oregon	Develop practical methods for reducing suspended solids in overflow from long term aeration basins	Practical methods for removing color from pulp mill and other treated effluents to reduce visibility of discharge	Develop acceptable sludge disposal methods for wet climates	Develop treatment or reuse processes for waste water from dry kilns & veneer dryers	
Pennsylvania	Tertiary treatment criteria	Water Quality Criteria	Dictomaceous earth filters	Phys. parameters controlling the effective sealing of bituminous deep mines	Color removal
Rhode Island	None				
South Carolina	None				

South Dakota	None				
Tennessee	Mercury Pollution				
Texas	Feasibility of treatment of waste from agricultural operations	Treatability of oil organic and inorganic industrial solid waste	Demonstration cost benefit of relationship of different levels of advanced waste treatment	Evaluation of treatment for excess in filtration as compared with infiltration elimination	Treatability of cyanide & cyanide-type wastes
Utah	Water quality studies on Gt. Salt Lake				
Vermont	Spray irrigation of treated effluents to determine design factors	Phosphorous stripping in extended aeration, oxidation ditch, and aerated lagoon treatment facilities			
Virginia	Treatment of craft mill wastes using liquid oxygen	Treatment of sewage from combined sewers			
Washington	State of art on control of water quality in impoundments	Thermal effects studies in salt water	Soil erosion	Reducing water quality degradative irrigation return flows	Effects of dredge spoil & biological effects on aquatic organisms by bioassay
West Virginia	None				
Wisconsin	Fecal coliform die-off in sewage treatment lagoons	Key for identification of benthic organisms	Impact on the quality of surface & ground water by the migration of waste sulfite pulping liquors from a land disposal site	Definition of mining zones for discharging effluents to surface waters	Removal of phosphorus and BOD from wastewater by trickling filter systems

Wyoming	None	
Guam	Lagooning on the reef flat in the islands of Micronesia	Thermal pollution
Puerto Rico	Treatment of wastes from sugar mills	
Virgin Islands	Reclaiming and reusing waste water utilizing ground water rechnage and recovery	

PUBLIC INFORMATION

Keeping the public informed of problems and accomplishments of the State in the water quality control field is of major importance. All States are active in the public information field. Their activity ranges from answering letters from school children to preparing exhibits and giving speeches at public meetings.

The following tabulation indicates the type of program run by each State as reported in their FY 1972 Program.

PUBLIC INFORMATION

STATE	Board Meetings	Court Actions	News Releases	Reports/ Pamphlets	Slides/ Movies	Speeches
Alabama	X		X	X	X	X
Alaska	X	X	X	X	X	X
Arizona	X		X	X		X
Arkansas						
California	X	X	X	X	X	X
Colorado			X	X	X	X
Connecticut			X			X
Delaware	X		X	X	X	X
D. C.						
Florida						
Georgia	X		X	X	X	X
Hawaii			X	X		X
Idaho	X		X	X		X
Illinois	X		X	X		X
Indiana	X		X	X	X	X
Iowa	X	X	X			X
Kansas				X		X
Kentucky	X	X	X	X	X	X
Louisiana	X		X	X	X	X
Maine	X	X	X	X	X	X
Maryland				X		X
Massachusetts						X
Michigan	X	X	X	X		X
Minnesota			X	X	X	X
Mississippi	X		X	X	X	X
Missouri	X	X	X	X	X	X
Montana				X		X
Nebraska			X	X	X	X
Nevada			X	X		X
New Hampshire			X		X	X
New Jersey		X	X	X	X	X
New Mexico			X	X	X	X
New York	X	X	X	X	X	X
N. Carolina	X		X	X	X	X
North Dakota			X	X		X
Ohio	X	X	X	X		
Oklahoma	X	X		X		
Oregon	New Department Developing Program This Year					
Pennsylvania	X	X	X	X	X	
Rhode Island			X	X		X
S. Carolina			X	X		X
South Dakota			X	X		X
Tennessee	X	X	X	X		X
Texas		X	X	X	X	X
Utah			X	X		X
Vermont			X			X
Virginia	X	X	X	X	X	X
Washington						
West Va.			X			X
Wisconsin			X	X	X	
Wyoming			X	X		X
Guam	X		X	X	X	X
Puerto Rico			X	X		
Vir. Islands			X	X	X	

LEGAL COUNSEL

Legal counsel furnishes advice and service to assure that the actions of the agency and its staff are within the authority provided for its operations.

The following tabulation indicates the type of legal counsel provided in each State.

SOURCE OF LEGAL COUNSEL

Alabama	Attorney Generals Office
Alaska	Alaska Department of Law
Arizona	Staff Attorney
Arkansas	Staff Attorney
California	Six Attorneys- Division of State Board
Colorado	Attorney Generals Staff
Connecticut	Assistant Attorney General
Delaware	Attorney Generals Office
D. C.	Corporation Counsel and U.S. Attorneys Office
Florida	Department of Legal Affairs and House Counsel
Georgia	Attorney Generals Office
Hawaii	Deputy Attorney General
Idaho	Office of State Attorney General
Illinois	Staff Attorneys
Indiana	State Board of Health/Deputy Attorney General
Iowa	Staff Attorney - State Attorneys Office
Kansas	Attorney General's Office
Kentucky	Attorney Generals Office
Louisiana	State Attorney General- La. Wildlife & Fisheries Attorney
Maine	Attorney Generals Office
Maryland	Staff of Attorney General
Massachusetts	Staff Attorney/Attorney General's Office
Michigan	Attorney Generals Office
Minnesota	Attorney Generals Office
Mississippi	Assistant Attorney General
Missouri	Assistant Attorney General
Montana	Attorney Generals Office
Nebraska	Staff Counselor; State Attorney Generals Office
Nevada	Deputy Attorney General
New Hampshire	Attorney Generals Office
New Jersey	Attorney General
New Mexico	Staff Attorney - State Attorney General
New York	Agency Legal Staff
N. Carolina	Assistant Attorney General
North Dakota	Asst. Attorney General - State's Attorney in County Involved
Ohio	Assistant Attorney General
Oklahoma	State Attorney General
Oregon	Office of State Attorney General
Pennsylvania	Seventeen Staff Attorneys
Rhode Island	Department Legal Counsel; Attorney General
S. Carolina	Attorney Generals Office
South Dakota	Attorney Generals Office
Tennessee	Dept. of Health Legal Staff; Attorney Generals Office
Texas	Attorney General; Agency; Legal Counsel (contract)
Utah	State Attorney Generals Office
Vermont	Attorney Generals Office
Virginia	Attorney General's Office
Washington	Attorney General's Office
West Virginia	Attorney General Office
Wisconsin	Bureau of Legal Services-Department of Natural Resources
Wyoming	Assistant Attorney General
Guam	Attorney Generals Office
Puerto Rico	Environmental Quality Board Staff
Virgin Islands	Department of Law

APPENDIX A
EPA
REGIONAL OFFICES

Region I - John F. Kennedy Federal Building, 23rd Floor Boston, MA 02203	Maine Massachusetts Connecticut	Vermont New Hampshire Rhode Island
Region II - 26 Federal Plaza, Room 847 New York, NY 10007	New York New Jersey Puerto Rico	Virgin Islands
Region III - 6th & Walnut Streets Phidadelphia, PA 19106	Delaware D.C. Maryland	Pennsylvania Virginia West Virginia
Region IV - 1421 Peachtree Street, N.E., Suite 300 Atlanta, GA 30309	Alabama Kentucky Mississippi Florida	Georgia North Carolina South Carolina Tennessee
Region V - One North Wacker Drive Chicago, IL 60606	Illinois Indiana Michigan	Minnesota Ohio Wisconsin
Region VI - 1600 Patterson Street, Suite 1100 Dallas, TX 75201	Arkansas Louisiana New Mexico	Oklahoma Texas
Region VII - 1735 Baltimore Avenue Kansas City, MO 64108	Iowa Kansas Missouri	Nebraska
Region VIII - 1860 Lincoln Street, Suite 900 Denver, CO 80203	Colorado Montana North Dakota	South Dakota Utah Wyoming
Region IX - 100 California Street San Francisco, CA 94111	California Arizona Guam	Guam Hawaii Nevada
Region X - 1200 6th Avenue Seattle, WA 98101	Alaska Idaho Oregon	Washington

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APPENDIX B

ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF WATER PROGRAMS
WASHINGTON, D.C. 20242

STATE PROGRAM GRANT APPLICATION WATER POLLUTION CONTROL PLAN

FORM APPROVED: OMB NO. 158-R0001

FOR EPA USE ONLY	
PROJECT NUMBER	DATE RECEIVED
ACTION	DATE APPROVED
SIGNATURE OF COMMISSIONER	

1. NAME AND ADDRESS OF AGENCY CHARGED WITH RESPONSIBILITY OF ENFORCING THE STATE'S WATER POLLUTION CONTROL LAWS.

2. IF DIFFERENT, PROVIDE NAME AND ADDRESS OF AGENCY AUTHORIZED TO ADMINISTER FEDERAL PROGRAM GRANTS UNDER SECTION 7 OF THE FEDERAL WATER POLLUTION CONTROL ACT.

3. PROGRAM PLAN: ATTACH AGENCY'S WATER POLLUTION CONTROL PLAN CONFORMING TO THE FORMAT AND CONTAINING THE DATA OUTLINED.
   - I. INTRODUCTION
   - II. EXPECTED RESULTS OF PLANNED ACTIVITIES
   - III. PROGRAM AUTHORIZATION, ORGANIZATION AND RESOURCES
   - IV. PROGRAM ADMINISTRATION

4. AMOUNT OF FEDERAL ASSISTANCE REQUESTED: $____________ FOR FISCAL YEAR ____________

5. Certification by Authorizing Official:

I certify that I am the official designated to represent the State Water Pollution Control Agency for the purposes of receiving grant assistance under Section 7 of the Federal Water Pollution Control Act, and request that assistance be made available when monies are appropriated in accordance with Section 7 of the Act. No financial assistance has been given or promised under any other Federal program or activity with regard to this request except as noted within this plan. The State agency to be responsible for administration of the pollution control program has the ability and intention to finance its share of the cost of the program plan.

The applicant shall comply with the terms and intent of Title VI of the Civil Rights Act of 1964 and of the regulations promulgated pursuant to such Act by the Administrator of the Environmental Protection Agency and contained in 43 CFR 17.

The attached statements and exhibits are hereby made a part of this request, and the undersigned certifies that the information in the request and in the attached statements and exhibits is true, correct, and complete to the best of his knowledge.

The applicant agency agrees that if a Federal grant for the program is made on the basis of this application or on the basis of any provision or amendment thereof, it will comply with all of the applicable requirements and conditions of the regulations governing grants for water pollution control authorized by the Federal Water Pollution Control Act and such additional conditions as the Administrator may impose prior to or at the time of the grant award.

SIGNATURE	NAME & TITLE OF AUTHORIZING OFFICIAL (*Typed*)	DATE

6. CERTIFICATION BY GOVERNOR

THIS PLAN IS THE OFFICIAL WATER POLLUTION CONTROL PLAN OF THE STATE, AND TAKES INTO ACCOUNT THE PARTICIPATION OF OTHER STATE AGENCIES AND RELATED PLANS AND PROGRAMS.

SIGNATURE OF GOVERNOR	DATE

EPA Form 5750-1 (3-71)

STATE PROGRAM PLAN PREPARATION

INSTRUCTIONS

Submission of the State's water pollution control program plan is required to receive grant assistance under Section 7 of the Federal Water Pollution control Act, as amended. In meeting the requirements of the Act, the Plan serves these important purposes:

a. It describes the State's anticipated progress in implementing water quality standards established for interstate waters under Section 10 of the Federal Act, and where established, intrastate water quality standards.

b. It identifies and discusses problems and issues which arise in changing or improving the State's water pollution control program and serves as the basis for program evaluation.

c. It provides information essential to EPA in developing assistance and coordinating other grants to the State under other provisions of the Act. In preparing the Plan, States are encouraged to summarize and reference information and data presented in previous applications or plans and derived from other sources. Furthermore, the State need not resubmit documentation provided with previous submissions which is unchanged from year to year, e.g., legislation, rules, and regulations; however, the format incorporates summarization of these aspects to provide a document which is, in general, complete in itself, with detailed information cited, referenced, or appended.

The Plan format is intended to be flexible, providing for elaboration as may be required to adequately describe the planned or existing activity. Brief specific descriptions will generally be sufficient.

Further instructions for each element of the Program Plan and its format follow. Also, there are specific requirements governing presentation of information within various elements in the required format. Should interpretation of the Program Plan format elements be required during Plan preparation, EPA's Regional Office will furnish assistance. Submission of a preliminary draft of the Plan to the Regional Office is urged. The annual evaluation report of program performance also provides information useful to Plan preparation.

Information is requested for three time periods in some items. In each instance, the "preceding year" or "last year" refer to the fiscal year covered by the previously approved program grant. The period for which the grant application is submitted is referred to as "plan year", "current year", or "coming fiscal year." The "next year" refers to the fiscal year beyond the period covered by the application being submitted. For the fiscal year 1972 application, the "last year" is FY 1971 and the "next year" is FY 1973.

Since water pollution control in its broader setting of water quality management in many States is the responsibility of more than one agency, the applicant agency should interpret the Plan's elements in the context of the State's overall approach. Planned activity by all State entities relating to the various elements of the Plan should be included and the other agencies involved identified.

Three copies of the completed Application and Plan are to be forwarded to the EPA Regional Office.

SPECIFIC INSTRUCTIONS

The format for preparation and submission of the Program Plan as a part of the grant application has four parts (see attached outline). The first Section, Introduction provides an overview of and general background for what the following three sections detail. It summarizes what is expected to be accomplished in the long run by the State to manage the quality of its waters.

The second section details the Expected Results of Planned Activities and actions which are described in that portion of the Plan designated Program Administration. The third section, Program Authorization, Organization, and Resources, describes the substance of the State's water quality management authority together with details of the organization implementing that authority and the resources, State and Federal, to be used in that implementation. The fourth section, Program Administration, sets forth, in functional terms, activities to be carried out and expected actions to be implemented by and within the State under the Program Plan.

In general, the instructions which follow define various program elements included and described in the Program Plan.

I. INTRODUCTION

Describe program goals for the five years beyond the coming fiscal year and summarize the steps planned to reach them. As the five year program goals may be keyed to various areas or regions within the State, map(s) may be appropriately used to summarize these aspects of the Plan to supplement the text. This section should summarize:

A. Activities to be changed during the coming fiscal year;

B. Intermediate steps to accomplishing five year goals.

C. EPA assistance needed to complement and support these activities and goals.

II. EXPECTED RESULTS OF PLANNED ACTIVITIES

This part of the Plan presents what is expected to result from the actions described in the Program Administration Section IV. Detail objectives to be achieved during this Plan year by listing:

A. Waters to be maintained in compliance with water quality criteria.

B. Waters to be brought into compliance with water quality criteria or to be enhanced.

C. Pollution control facilities to be placed in operation.

D. Dischargers to be brought into compliance with regulations and/or permit conditions.

E. Progress in establishing or improving adjuncts to compliance, such as programs for operator training and certification, public information, technical assistance, etc.

III. PROGRAM AUTHORIZATION, ORGANIZATION, AND RESOURCES

This section of the Plan on Program Authorization, Organization, and Resources provides information required by the Act, to establish the agency's authority, program supports and authorities (other than regulatory), program budget, organization, and staff for carrying out the Plan.

A. State's Water Quality Management Authority

1. Basic Authority – Summarize State's authority for control of water quality. For example, Statutes, executive orders, and attorney general's opinions, which affect State authorization and responsibility, together with rules, regulations, and general orders of State stemming from this authority should be cited, if previously submitted; if not, append copy. Include specifically the name of the agency with the responsibility to adopt or modify State water quality standards.

2. Other Authority – Summarize, including appropriate citation, other authority supporting water quality management activities, such as:

a. State's financial assistance program to local governments for construction of waste treatment facilities, including amount authorized and appropriated and procedures and requirements for allocating grants.

b. State's financial assistance program to local governments for operation and maintenance of waste treatment facilities, including amount authorized and appropriated and procedures and requirements for allocating grants.

c. State's subsidy, tax deferment, rapid tax-write-off, or other incentives to encourage industry to provide and use water pollution control facilities.

d. State certification of wastewater treatment plant operators.

3. Permits and Effluent Controls — Those States having authority to regulate construction and/or discharges through permits or other administrative action, describe extent of use in controlling quantity, quality, and timing of discharges from municipalities and industries, including provisions such as effluent standards.

4. Other Agencies' Authority — List and cite authority for functions of other State agencies with pollution control and water quality management responsibilities. Describe arrangements for their participation in implementation of the Plan and for coordination of this Plan with other State water planning and management activities, e.g., memorandums of agreement, executive orders, etc.

5. Modifications of Authority — Describe changes desired or proposed in authority to overcome limitations to water quality management responsibilities and functions and to provide for full participation in programs under the Federal Water Pollution Control Act, as amended.

B. Organization

1. State Organization — Provide an organization chart depicting the organizational relationship to the Governor's Office of the applicant agency and other agencies with water pollution control and water management functions as well as the relationship to each other.

2. Agency Organization — Provide an organization chart of the applicant agency, including location and organization of field offices and functional statements describing the scope of activities and responsibilities of each unit.

C. Budget and Staffing

1. Budget — Prepare and insert EPA Form 5750-2 summarizing the State's water pollution control budget.

2. Staffing — Prepare and insert EPA Form 5750-3 describing the staff and man-year allocations to water quality management of the applicant agency and other agencies having regularly assigned water pollution control responsibilities. The staffing requirements tabulation should be accompanied by a description of proposed changes in size and skills of the staff during this plan year.

IV. PROGRAM ADMINISTRATION

The State's Program for controlling water pollution should describe the planned activities and expected actions in conformance with the Application's format of Authorized, Executive, and Auxiliary functions.

A. Authorized Functions

Authorized functions stem primarily from the authority and administrative arrangements described in Section III of the Plan, consisting of elements designated as: planning, water quality criteria, water pollution control facilities, surveillance and enforcement. In addition to these fundamental operations carried on in nearly all State Programs, many States have set up additional programs for controlling pollution from other than point sources. A number of States likewise have Research and Development programs. The Plan should describe these activities.

1. Planning — The Act, as amended, emphasizes the need for preventing pollution and, thus, the necessity of a continuing planning activity as an essential part of the process of establishing and implementing water quality standards. Planning is a continuous process which develops and keeps current the State's "water quality plan" to meet present, near future, and long-range needs for water of suitable quality to serve projected use. In general, the various basin and metropolitan/regional plans provide the basis for preparation of the State's water quality plan. The Program Plan sets forth the State's strategy for developing and implementing the basin/metro/regional plans proposed.

a. Describe the State's proposed water quality management planning activities and their relationship to the basin and metropolitan/regional plans required by Title 18 Code of Federal Regulations, Part 601, Subpart B, Including a tabulation listing the plans needed, the schedule for their completion, and/or updating, and those plans to be completed and certified during the current FY Plan as well as a map displaying portions of State covered by adequate Plans. For Plans being developed for the Agency under contract, list the contractor, duration and cost of contract, and expected results.

b. Indicate how basin/metropolitan area plans will be integrated with other water resource development plans, land use controls and plans.

c. List the Water Resources planning projects the water quality management agency will participate in during the plan year, e.g., those of EPA, The Water Resources Council, and other Federal agencies.

d. List expected requests under this Plan for Basin Planning Grants under Section 3(c) of the Federal Water Pollution Control Act.

2. Water Quality Criteria – Water quality criteria objectives are pursued by comparing stream quality data with approved criteria to determine compliance with such criteria, progress toward compliance when upgrading of quality is warranted, or whether a degradation trend is developing requiring action to prevent pollution from violating the standards. Developments projected in the State Plan, changes in water uses, and expanded knowledge of pollutional effects on the environment from time to time require modification of current criteria.

a. Provide a map(s) indicating those waters complying with State water quality criteria and those to be brought into compliance or enhanced during the Plan period.

b. Identify anticipated changes during the plan period in water use classifications and water quality criteria, including actions and schedules for this Plan year to adopt individual numerical standards for interstate waters now covered by general criteria or alter established criteria.

c. Indicate plans for adoption of or changes criteria on intrastate waters and schedule if to be undertaken during this Plan year.

3. Water Pollution Control Facilities – Water pollution control facilities is the designation for those activities including, but not limited to, permits, implementation schedules, review of plans and specifications, grants management, operator training, and certification, and associated activities along with technical support.

Permit activities are those concerned directly with the issuance, denial, modification or revocation of permits for the construction and use of facilities for control of water pollution or in other ways affecting water quality. This function may include review of plans and specifications for wastewater treatment facilities to be provided by industries and municipalities and can be directly related to management of State and Federal grants to municipalities for construction of water pollution control works.

Each State is required to submit Annual Municipal Needs which provide current information on the status of compliance with water quality standards implementation plan and which lists pollution control needs. The Annual Municipal Needs incorporates in a one-year list of construction grant priorities to be used in approving grants for construction during the current fiscal year. Also included is a five-year list based on pollution control needs which are identified for compliance with water quality standards, with other pollution control regulations, or have been established through water quality control planning. Reliable needs data will be useful to States that have or are considering construction matching grant programs and can be useful in other ways, for example, in determining basin and metropolitan/regional planning priorities and as an input to the planning process itself. Detailed instructions on completion of the Annual Municipal Needs printout and the Annual Industrial Needs Printout have been provided to the State by the EPA Regional Office.

a. Permits – Indicate the extent of activities to be performed in issuing and reviewing permits, including estimated number of permits to be issued.

b. Plan and Specification Review and Grants Management

1. Summarize the State's requirements for approval of engineering plans for construction of municipal, industrial, and State wastewater treatment facilities, including an estimate of the number of reviews to be performed during this plan year and method for determining that proposed water pollution control measures and facilities will achieve compliance with interstate water quality criteria.

2. Discuss proposed changes to the State's criteria system for establishing priorities among municipal waste treatment construction projects used to develop the list of eligible projects for Federal construction grants.

c. Implementation Schedules.

1. Attach (unless the information and data are provided by other means, such as computer printouts) Municipal Needs and Industrial Needs lists (Forms 5750-5, 5750-6, and 5750-7) including:

a. Revisions in treatment or control requirements.

b. New pollution sources not previously identified including necessary treatment or control measures.

c. Timetable for achieving compliance by those pollution sources.

2. Describe the State's program to control water pollution from State installations and facilities including a list of sources of pollution from State installations on EPA Form 5750-4, unless provided elsewhere.

3. List water pollution control measures needed by Federal installations to conform with State water qualit criteria and implementation plan, unless provided elsewhere.

d. Operator Training and Certification. Describe the State's program for the Plan period for training and certifying treatment plant operators, including:

1. a summary of the requirements for certification.

2. changes in the training and certification program.

3. the amount and source of funds for training programs tabulated by course type, sponsor (Federal, State, Local), funding in $100's (Federal, State, and/or Local).

4. extent of State staff and funds to be used for training of treatment plant operators.

5. EPA assistance needed to complement and support State and local training program; and

6. the following summary tabulations.

WATER QUALITY MANAGEMENT TRAINING

TYPE OF COURSE	MAN HOURS ATTENDANCE	NUMBER OF COURSES	EXPECTED ATTENDANCE - NUMBERS					
			TOTAL	MGMT.	PROCESS OPERATORS	LAB. PERS.	MAIN. PERS.	OTHERS
FUNDAMENTAL								
INTERMEDIATE								
ADVANCED								
LAB PROCEDURES								
REFRESHER								
OTHER *(Specify)*								

CERTIFICATION

FACILITY	NUMBER OF:			
	OPERATORS	FACILITIES WITH CERTIFIED OPERATORS	CERTIFIED OPERATORS	TO BE CERTIFIED DURING THIS PLAN YEAR
MUNICIPAL INDUSTRIAL STATE FEDERAL				

e. Technical Support

1. Summarize State's technical support and assistance to be provided during the Plan year including: meetings with permit applicants; meetings with industry on the effects of proposed industrial development on water quality and on requirements or standards for pollution abatement facilities; meetings with municipal and industrial officials (vis-a-vis plant operators) on pollution control needs; and special studies involving data gathering and evaluation in support of planning and water quality criteria activities of the State.

2. List special studies on which State needs EPA assistance during Plan period.

4. Other Programs – Other program functions are concerned with control of pollution from sources other than municipal and industrial discharges and for which separate control and regulatory authority is likely provided, for example, water pollution control permit conditions or operating regulations for mining, feedlot, or oil well drilling and producing activities, highway construction, irrigation, vessels, septic tanks, etc.

a. Summarize the State's Plan for dealing with spills of Oil and Hazardous materials presenting or citing its Pollution Incident Prevention Plan.

b. Furnish a description of activities and policies of the State during the Plan year for controlling and preventing pollution from other sources.

5. Surveillance – The surveillance element is composed of three sub-elements: monitoring of water quality, inspection of water pollution control facilities coupled with investigation of other sources of water quality degradation, and laboratory support of the monitoring, inspection, and investigation activities.

a. Water Quality Monitoring – Summarize changes to be made during the Plan period in the State's monitoring program for rivers, streams, lakes, estuaries, and coastal waters including a tabulation of sampling locations, parameters, frequency and method of collection, and the relationship to existing programs, accompanied by a map illustrating the summarized information. Monitoring activities of other agencies or institutions providing supplementary or complementory data should be recognized.

1. Describe special quality monitoring programs associated with other than usual monitoring functions, such as, agriculture, storm water, combined sewer, vessel, oil or mining wastes, etc. to be undertaken or changed during the Plan period. Include any cooperative studies such as with the State fish and wildlife agency, water resources or other agencies, or with the State's water resources research center.

2. Describe planned changes to the State's overall program for storage, retrieval, and evaluation of water quality data.

b. Inspections and Investigations

1. Summarize the State's inspection activities including the following tabulation:

ITEM	TYPE OF FACILITY				TOTAL
	MUNICIPAL	INDUSTRIAL	STATE	FEDERAL	
TOTAL NUMBER OF DISCHARGES					
TOTAL NUMBER OF TREATMENT FACILITIES					
TOTAL NUMBER OF DISCHARGES UNDER PERMIT					
NUMBER OF FACILITIES TO BE INSPECTED DURING NEXT 12 MONTHS					
TOTAL NUMBER OF INSPECTIONS					
TOTAL FACILITIES IN COMPLIANCE WITH PERMIT					
TOTAL NUMBER OF FACILITIES SUBMITTING OPERATING REPORTS					
REPORTING FREQUENCY					
TOTAL NUMBER OF INSPECTIONS DURING CONSTRUCTION INCLUDING SEWERS					
PLANNED NUMBER OF PERMIT REVIEWS					

2 Describe the proposed changes to the State's operating report program in terms of to whom the reports will be made, type of data included, relationship to permit conditions and/or regulations, procedure for validation of reported data, and actions resulting from and/or following report submission, i.e., acknowledgment, concurrence, correction of operating inadequacies or permit violations.

c. Laboratory Support. Describe the laboratory activities of the State in supporting its program, including number of samples and analyses to be performed, scope of analytical resources, quality control procedures, etc.

6. Enforcement. Enforcement functions are those carried out in preparing a formal regulatory action through coordination and use of data and information from surveillance, water quality criteria, planning, and water pollution control facilities elements ranging from hearings to proceedings in the appropriate court by the State's Attorney General. Summarize enforcement actions to be undertaken, continued and completed under this plan, including estimated number of similar actions and activities to be carried out by other State agencies.

7. Research and Development. The Research & Development (R&D) element involves coordination of State R&D projects and programs with those of other Federal and local agencies as well as colleges, universities, technical institutes, and industry. This element may vary in operation from simply evaluation of progress on projects of interest to a complex program of contracts and in-house activities. In any case, it is keyed to determining needs for knowledge of water quality phenomena and means for meeting those needs.

a. Describe R&D needs of the State (in priority order) and anticipated activities or projects to meet them including a listing of requests from industry, universities, agencies of the State or its political subdivisions under this plan for:

1 Research and demonstration grants for waste treatment.

2 Research and demonstration grants for combined sewer and storm water pollution control.

3 Research and demonstration grants for joint municipal and industrial treatment systems.

b. Estimated costs and man-years for State Research and Development activities should be included under "Other Programs".

B. Executive Functions

Executive functions of the State's program include programs developing and coordinating the agency's operations, public information, contact and coordination with other branches and agencies of government at the Federal and State level and legal counsel. All functions are directly associated with use of authority granted to the agency for control of water pollution.

1. Agency Development – Agency development encompasses direction of day-to-day program functions as well as devising and describing the organizational needs for manpower and funds of the agency itself to achieve the water quality management goals described in the State's Program Plan. Describe proposed changes in agency organization, staffing, and relationship to other State, Federal, interstate, and local agencies and institutions expected to improve means of coordinating and attaining goals, e.g., field offices.

2. Interagency coordination – Interagency coordination concerns providing continuing communication channels with other agencies and institutions whose plans and/or activities have an impact on or are impacted by the plans and/or actions of the water pollution control agency(s).

a. Describe needed or proposed coordination procedures within the agency and with agencies of Federal, State, and local government as well as interstate institutions, contrasting proposals with existing arrangements, designated as formal, e.g., memorandum of agreement, or informal.

b. List anticipated participation of other governmental agencies in the State's water pollution control planning and activities, including the estimated number of meetings (or appropriate contacts) during the Plan period.

3. Public Information – Public information includes activities ranging from preparing and distributing basic program literature to the general public to assembly of specific data and information useful to State's legislatures.

a. Briefly discuss the proposed scope and emphasis of the public information program including support needed from EPA activities.

b. Summarize the agency's planned activities in disseminating information on water quality management, during the Plan period. This could include, for example, number of reports of hearings, board meetings, and court actions, news releases or coverage describing improved water quality conditions (or vice versa), documents describing water quality conditions or means to improve water quality and/or treatment of wastes, showing of movies or other suitable communication devices such as, speaker's bureau explaining the water pollution control problem and means for solution.

4. Legal Counsel – Legal counsel as a component of the executive function furnishes advice and service to assure that the actions of the agency(s) and its staff are within the authority provided for its operations. Describe the extent and source of legal advice and service to be provided the agency in meeting its responsibilities for administration of its authorized activities.

C. Auxiliary Functions

Auxiliary functions are those elements supporting the Authorized and Executive functions including fiscal management and accounting, personnel, staff training, purchasing, automatic data processing and other office services. These functions are the base for smooth operation of the other two functional areas by furnishing dependable internal services. The fiscal management and accounting element involves all of the agency's financial administration, i.e., accounting for income and expenditures. The personnel element encompasses the securing of the best possible persons the agency can afford and providing services that will result in keeping them as long as they render satisfactory service. Closely associated with the personnel element is staff training, the component providing for improvement of the skills and abilities brought to the agency by its employees. The element concerned with obtaining goods and services from outside the agency is designated purchasing (or procurement). Automatic data processing is the element of auxiliary functions providing for automated storage, retrieval and manipulation of data and information used in administering a water pollution control program. Office services, i.e., filing, mail, reproduction, etc., are the routine actions providing the flow and retention of documents pertinent to the agency's authorized activities.

1. Summarize changes to be undertaken during the Plan period in auxiliary functions provided within the agency, those furnished by other agencies or a general auxiliary service organization including fiscal management and accounting, purchasing, automatic data processing, and other auxiliary office services.

2. **Describe proposed changes to the agency's program for recruiting, retaining and training its personnel. Provide the number of man-years allotted to staff training and the level of training to be provided during the plan period. Describe proposed changes to provisions or assistance the agency has for professional training through extension courses, scholarships, educational leaves, attendance at EPA training programs, and special courses.**

3. **Describe special training programs to be provided for summer temporary personnel, or under cooperative, or vocational education programs during the plan period.**

OUTLINE OF STATE PLAN

I. Introduction

Summary of State's five-year water quality management program goals and steps toward achievement including:

    1. Activities to be changed during the coming year.
    2. Intermediate objectives as steps to accomplishing long-range goals.
    3. EPA assistance needed to complement and support these activities and goals.

II. Expected Results of Planned Activities
    A. Compliance with Standards
    B. Pollution Control Facilities
    C. Compliance with Permits
    D. Adjuncts to Compliance

III. Program Authorization, Organization, and Resources
    A. State's Water Quality Management Authority
    B. Organization
    C. Budget and Staffing

IV. Program Administration
    A. Authorized Functions
        1. Planning
        2. Water Quality Criteria
        3. Water Pollution Control Facilities
            a. Permits
            b. Plan Specification Review & Grants Management
            c. Implementation Schedules
            d. Operator Training and Certification
            e. Technical Support
        4. Other Programs (feedlots, mine drainage, irrigation, oil field brine, etc.)
        5. Surveillance
            a. Water Quality Monitoring
            b. Inspections and Investigations
            c. Laboratory Support
        6. Enforcement
        7. Research and Development
    B. Executive Functions
        1. Agency Development
        2. Interagency Coordination
        3. Public Information
        4. Legal Counsel
    C. Auxiliary Functions
        1. Fiscal, Accounting, Purchasing
        2. Personnel
        3. ADP
        4. Staff Training
        5. Other Supporting Services